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AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
KANSAS CITY IAP/ MISSOURI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)  
DEC 81

UNCLASSIFIED

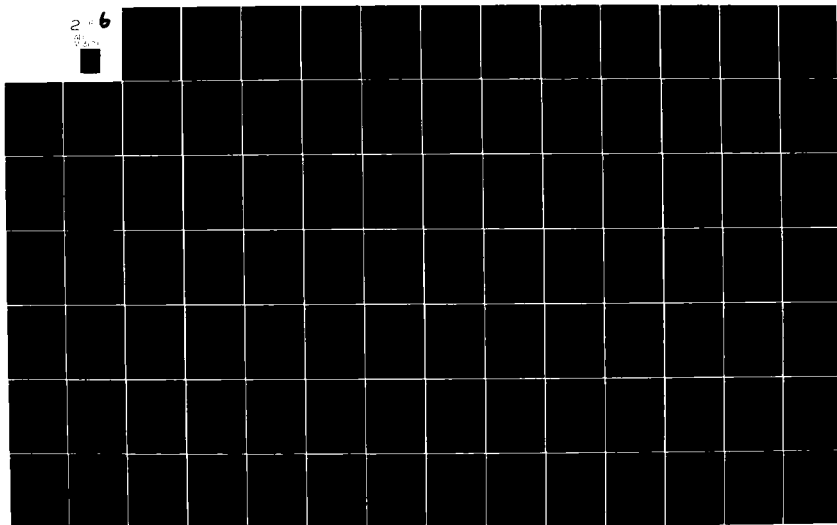
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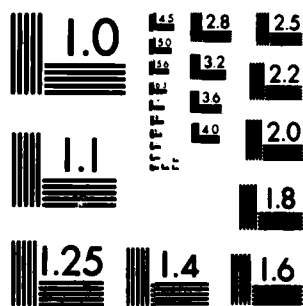
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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 AFMPC-200  
 1. WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

1947 KANSAS CITY INTL MO 73-80  
 STATION MONTH YEARS  
 ALL WEATHER  
 CLASS  
 CONDITION  
 73-80  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.5	.7	.4	.1							3.2	5.9
NNE		1.2	1.4	.3								2.9	6.8
NE	.3	1.5	1.1	.1								3.1	6.1
ENE		1.5	.3									1.8	5.6
E		3.6	2.5	1.2	.1							7.5	7.7
ESE	.1	1.4	1.9	.3	.1							3.9	7.4
SE	.0	2.9	2.9	1.0								7.4	7.3
SSE	.1	3.9	4.4	1.8								10.3	7.7
S	.7	6.3	9.2	4.1	.7							22.6	9.1
SSW	.3	2.6	2.8	2.9	.1	.1						6.9	8.7
SW	.3	2.2	1.0	.8	.1							4.4	7.8
WSW	.7	2.6	1.0	.4	.1							4.9	6.2
W	.3	2.4	1.4	.1								4.2	6.1
WNW	.1	1.9	1.2	.6								3.9	7.1
NW	.3	1.4	1.0	.1								2.6	6.2
NNW	.1	.6	1.1	.3								2.1	7.9
VARBL													
CALM												5.2	
	4.3	37.4	53.9	16.5	1.5	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 720

AIRIAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 0147 STATION NAME KANSAS CITY INTL MO YEARS 73-80 MONTH JUN  
CLASS ALL WEATHER HOURS (L.S.T.) 1600-0000  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	1.0	.7								3.7	7.4
NNE		1.0	.7	.1								1.8	7.4
NE		1.4	1.1	.3	.1							2.8	7.0
ENE		1.1	1.0	.7								3.7	5.4
E	.2	3.2	1.0	1.0	.1							5.5	7.0
ESE		1.1	2.1	.6								3.7	7.0
SE	.1	1.4	2.4	.6	.3							4.7	6.7
SSE	.1	3.1	3.6	2.9								6.7	6.6
S	.1	4.0	6.5	9.7	1.7							24.9	10.3
SSW	.4	2.8	3.6	2.4	.4							9.4	9.7
SW	.4	2.1	2.1	1.4	.3							6.2	6.1
WSW	.4	2.4	.7	.4								3.4	6.2
W	.6	2.1	1.5	.6								4.7	6.3
WNW	.3	1.9	1.2	.6								4.0	7.0
NW	.3	1.0	.7	.6	.1							3.2	7.7
NNW	.1	1.0	1.0	.4								2.5	7.7
VARBL													
CALM												1.4	
	7.2	32.5	34.0	22.8	3.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 72



U.S. AIR FORCE CLIMATOLOGY BRANCH  
 AFSTAC  
 WEATHER SERVICE/NAO

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 STATION KANSAS CITY INTL MO STATION NAME 77-80 YEARS MONTHS 1907-1971 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.7	1.7	1.7								1.7	1.7
NNE		.7	1.7	.3								1.7	1.7
NE		.6	1.1	.6								1.7	1.7
ENE	.1	1.1	1.8	.3								1.7	1.7
E	.1	.6	3.5	1.0	.1							1.7	1.7
ESE	.1	1.3	1.5	1.1	.1							1.7	1.7
SE		1.1	2.1	1.3								1.7	1.7
SSE		.9	1.8	2.9	.1							1.7	1.7
S	.5	2.5	7.1	10.0	1.0	.1						1.7	1.7
SSW		1.7	4.9	5.1	1.1							1.7	1.7
SW	.3	2.3	2.0	2.6	.1							1.7	1.7
WSW		1.7	1.5	1.3								1.7	1.7
W	.7	1.7	2.1	1.1								1.7	1.7
WNW	.3	1.5	1.1	2.2	.1							1.7	1.7
NW	.1	.7	1.4	1.1								1.7	1.7
NNW		.6	1.0	.6								1.7	1.7
VARBL												1.7	1.7
CALM												1.7	1.7
	1.5	20.7	36.7	35.0	3.8	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 719

METEOROLOGICAL BRANCH  
 USAFETAC  
 WEATHER SERVICE/MAC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION 47 STATION NAME KANSAS CITY INTL MO YEARS 73-81 MONTH JUN  
 ALL WEATHER CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
 CONDITION ALL WEATHER

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	1.7	2.1	.6							3.4	1.0
NNE		1.1	1.5	.8								3.5	8.2
NE	.4	.4	1.8	.1								2.3	7.1
ENE	.2	.4	1.1	.7								2.4	8.6
E	.7	.7	2.6	1.4	.1							3.1	9.2
ESE	.1	.3	1.5	1.1	.1							3.7	9.3
SE		1.4	1.8	2.5								5.7	9.5
SSE		1.5	2.6	4.9	.3							9.3	11.7
S		2.2	5.1	10.1	2.8							21.2	11.7
SSW		1.5	3.7	4.0	1.0	.3						10.5	11.4
SW		.2	2.4	2.5	.6							6.2	11.0
WSW	.1	.6	1.9	1.5								4.2	9.7
W		1.2	2.1	1.9								5.3	9.5
WNW		.3	1.8	2.4								5.0	10.4
NW		.7	1.7	1.4								3.1	9.9
NNW	.1	.3	1.5	1.8								3.7	10.5
VARBL													
CALM												2.2	
	1.2	15.7	35.3	39.3	5.4	.3						110.0	10.2

TOTAL NUMBER OF OBSERVATIONS 700

NATIONAL CLIMATOLOGY BRANCH  
 WASHINGTON, D.C.  
 ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION 47 STATION NAME KANSAS CITY INTL MO YEARS 77-80 MONTHS JULY  
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	3.5	1.2	.6							5.3	9.4
NNE		.7	1.2	1.1								2.9	10.2
NE		1.0	1.1	.8								2.9	8.7
ENE		1.0	.5	.4								2.2	8.1
E	.3	.3	2.1	1.5	.4	.1						5.3	10.1
ESE	.1	1.5	2.4	1.4								2.4	8.7
SE	.1	1.4	1.9	1.1								4.6	8.7
SSE	.7	.4	3.9	2.6	.6	.1						7.9	10.1
S	.3	1.7	7.4	11.0	2.8	.6						23.6	12.7
SSW		.8	4.4	4.7	.6	.4						11.0	11.7
SW		.3	3.1	2.4	.1							5.4	10.3
WSW		1.0	1.8	1.4								4.2	9.7
W	.3	1.1	2.4	.8								4.6	8.1
WNW		.1	1.2	1.9								3.3	11.0
NW	.1	.4	1.9	1.8								4.3	9.5
NNW	.1	1.0	1.8	.8	.1							3.9	9.1
VARBL													
CALM												1.0	
	1.7	14.3	41.0	35.1	5.1	1.2						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 720

FEDERAL CLIMATOLOGY BRANCH  
 WASHINGTON, D.C.  
 METEOROLOGICAL SERVICE/MAC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION 07-47 STATION NAME KANSAS CITY INTL MO YEARS 77-80 MONTH JUN  
 CLASS ALL WEATHER PERIOD 1977-1980  
 CONDITION \_\_\_\_\_ HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.2	2.1	.8	.3							1.6	8.1
NNE	.1	.4	.4	.4	.1							1.5	9.5
NE	.1	1.1	.8	1.1								2.2	8.6
ENE		.7	1.2	.6	.1							2.6	9.1
E	.1	2.2	3.5	.7								5.5	7.7
ESE	.1	1.9	2.8	1.8	.1							5.7	8.6
SE	.1	2.2	3.7	1.0								7.1	7.7
SSE	.1	2.5	3.7	2.2	.4							4.0	8.7
S		0.2	8.9	11.5	1.2	.3						28.2	10.7
SSW		1.0	3.1	1.4	.3							6.7	8.9
SW	.1	1.5	.4	.4								2.5	8.7
WSW	.3	1.9	1.2	.3								3.7	8.3
W	.4	1.7	.8	.7								3.6	7.7
WNW	.1	.7	.6	.1								1.5	6.3
NW		1.9	.8	1.5	.1							4.4	8.9
NNW		1.7	1.5	1.1								3.6	8.3
VARBL													
CALM												3.5	
	1.9	30.1	35.7	25.7	2.8	.3						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 72

U.S. AIR FORCE  
 USAFETAC  
 WEATHER SERVICE/NAO

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1047 KANSAS CITY INTL MO STATION NAME 73-80 YEARS MONTH 000  
 ALL WEATHER CLASS 1100-2300 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	3.1	.6	.1							4.6	4.2
NNE	.1	1.7	.3	.1	.1							2.4	6.5
NE	.3	1.1	1.1	.1								2.6	6.7
ENE	.1	2.3	1.6	.1								4.3	6.3
E		2.9	2.9	.7								6.5	7.1
ESE	.1	3.5	2.2	1.0								6.3	7.2
SE	.3	4.4	2.9	1.0								6.3	7.7
SSE	.1	5.5	5.8	2.1								17.9	7.8
S	.3	5.4	7.4	10.0	1.0							27.1	9.5
SSW		2.5	1.4	1.2	.3							5.4	8.0
SW	.1	1.9	.3	.1								3.1	6.4
WSW		1.4	.1	.1								1.7	6.6
W	.1	.8		.6								1.5	7.2
WNW	.3	1.7	.6	.7								3.2	7.3
NW		1.1	1.0	.1								2.2	6.8
NNW		.9	1.1	.4								2.4	7.5
VARBL													
CALM												4.0	
	1.2	39.4	33.7	19.3	1.5							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 720

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 100. U.S. AIR FORCE

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 STATION KANSAS CITY INTL MO 73-80 YEARS 30  
 STATION NAME NORTH  
 ALL WEATHER CLASS  
 ALL  
 MOVES (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	2.7	1.0	.2							4.3	6.6
NNE	.2	.9	.9	.5	.2							2.3	.7
NE	.2	1.7	1.1	.4	.1							2.7	7.8
ENE	.1	1.4	1.2	.4	.2							3.3	7.8
E	.2	2.1	2.7	1.1	.1	.2						5.2	5.1
ESE	.2	1.9	2.2	1.0	.1							5.1	6.7
SE	.2	2.3	2.7	1.2	.2							6.5	7.3
SSE	.1	2.5	3.7	2.7	.2	.2						6.5	6.4
S	.3	4.5	8.3	9.5	1.6	.1						24.5	10.5
SSW	.1	2.5	3.3	3.2	.5	.1						7.3	10.2
SW	.2	1.8	1.7	1.4	.2							5.3	5.7
WSW	.2	1.7	1.1	.7	.2							3.8	7.5
W	.2	1.7	1.2	.9				.2				4.1	7.5
WNW	.2	1.4	1.7	1.1	.2							3.7	6.7
NW	.1	1.1	1.1	.9	.2							3.3	6.4
NNW	.1	.7	1.3	.7	.2							2.4	8.7
VARBL													
CALM												3.8	
	2.4	24.4	35.7	26.5	3.2	.3		.2				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 5750

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

U.S. AIR CLIMATOLOGY BRANCH  
WASHTAC  
U.S. WEATHER SERVICE/NAAL

47 STATION 73-80 JUL MONTH  
KANSAS CITY INTL MO STATION NAME YEARS  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.7	.8	.1								2.4	6.1
NNE	.1	2.8	.9	.4								3.2	6.3
NE	.4	2.8	.9	.5								4.7	6.4
ENE	.1	1.2	.8	.7								2.8	7.4
E	.3	3.5	3.0	.7								7.4	8.7
ESE	.1	4.7	1.5									5.6	5.9
SE	.1	4.7	2.4	.1								7.4	5.2
SSE	.5	4.6	4.6	.3								1.9	6.5
S	.3	7.4	13.2	4.4	.5							25.1	8.3
SSW	.1	3.2	5.1	3.0	.4							11.1	8.9
SW	.4	1.7	1.6	.4								3.8	6.5
WSW		1.7	.3									1.8	5.2
W	.1	1.3	.3	.1								1.9	2.7
WNW	.3	1.5	.1									2.9	4.1
NW		.9	.1	.1								1.2	6.2
NNW	.3	1.2	.3	.1								1.9	5.6
VARBL													
CALM												4.8	
	3.5	43.8	35.9	11.0	.9							101.0	6.5

TOTAL NUMBER OF OBSERVATIONS 744

LOCAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

47 STATION KANSAS CITY INTL MO 73-PO YEARS  
STATION NAME ALL WEATHER  
CLASS  
CONDITION  
JUL 1973-1976  
MONTHS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	.7		.1							1.9	6.4
NNE	.1	3.0	.7	.3	.1	.1						4.3	7.3
NE	.3	3.0	1.9	.7								5.9	8.3
ENE	.4	1.5	.8	.7	.3							3.6	5.0
E	.3	2.6	1.7	.5								5.1	6.9
ESE	.4	2.8	.9	.3								4.4	5.7
SE	.7	4.2	2.8									7.3	6.7
SSE	.1	3.2	3.6	.4								7.5	6.9
S	.8	9.5	9.8	2.4								22.6	7.7
SSW	.7	3.9	6.5	2.7	.3							14.0	6.3
SW	.3	2.4	2.7	.7								6.5	7.7
WSW	.3	1.3	.3									1.9	5.3
W	.1	1.5	.5									3.2	5.3
WNW	.3	1.1	.3									1.6	4.6
NW	.9	1.5	.5									3.0	4.6
NNW		.3	.7									1.6	6.1
VARBL													
CALM												7.3	
	5.2	43.4	34.5	9.6	.8	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 744



U.S. AIR FORCE  
CLIMATE DIVISION  
METEOROLOGICAL SERVICE/AF

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 47 KANSAS CITY INTL MO 73-60 YEARS MONTH JUNE  
CLASS ALL WEATHER HOURS (L.S.T.) 1000-1900  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	1.4	.1								.4	7.1
NNE	.4	1.6	1.2	.4	.3							.5	7.4
NE	.4	1.9	2.2	.5								.5	7.1
ENE	.3	1.1	1.7	.5								.5	7.5
E	.4	2.2	1.7	.1								.4	6.7
ESE	.1	3.1	2.6	.5								.3	7.0
SE	.1	3.1	2.6	.3								.2	6.7
SSE	.3	3.5	2.7	.9								.4	7.1
S	.3	5.5	13.1	3.6								1.5	6.1
SSW	.1	3.9	7.4	2.8	.9							1.1	6.8
SW	.4	2.2	3.4	.9	.1							.4	7.0
WSW	.4	1.7	2.2									.3	6.7
W	.4	2.7	.3									.7	4.0
WNW		1.2	.3									.5	5.5
NW	.1	.6	.5	.1								.7	6.0
NNW	.1	1.5	.9									.6	6.1
VARBL													
CALM												.0	
	4.0	36.4	41.4	11.0	1.2							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE METEOROLOGICAL BRANCH  
AFOTAC  
METEOROLOGICAL SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL MO	73-80	JUL
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			1900-111
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.7	3.4	2.2								7.1	7.1
NNE		.7	2.2	.5	.1							3.5	3.5
NE		.7	1.1	.5								3.3	3.3
ENE	.4	.7	1.3	.9								3.4	3.4
E	.4	1.3	2.2	.3								4.2	7.1
ESE	.1	1.2	3.2	.9								5.5	8.1
SE		2.4	3.4	1.3								7.1	7.1
SSE	.7	.9	2.7	.9								5.2	8.1
S	.3	4.3	7.0	3.5	.4							15.4	8.4
SSW		3.0	6.7	4.7	.7							15.1	8.8
SW	.1	2.3	4.7	3.5	.5							11.6	9.3
WSW	.1	.9	2.7	.9								4.7	8.0
W	.1	2.6	1.1	.3								4.2	8.0
WNW		1.2	1.6									3.8	7.2
NW	.4	1.1	.8									2.3	8.8
NNW	.1	.7	.9	.1								1.9	7.0
VARBL													
CALM												2.9	
	3.4	26.1	45.8	20.6	1.7							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE  
 WEATHER SERVICE/MAD

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 47 STATION NAME KANSAS CITY INTL MO YEARS 75-80 MONTH JUL  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) 1000-1400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.7	3.1	2.2								7.3	6.2
NNE	.1	1.3	2.8	1.1								6.4	6.4
NE	.1	.3	1.1	1.1								6.6	6.7
ENE		.7	.9	.9								6.5	6.5
E	.3	1.2	2.6	.7								6.4	7.6
ESE		1.2	1.7	.8								6.3	7.3
SE	.1	1.7	3.1	1.7		.1						6.7	6.8
SSE	.1	1.7	2.2	1.7								6.7	6.7
S	.3	4.4	7.8	5.3	.8							18.7	7.7
SSW		1.7	4.3	7.5	.7	.1						17.6	11.2
SW	.2	2.5	4.7	3.9	.4							16.2	9.7
WSW		.9	2.2	.3								3.4	7.3
W	.1	1.1	2.3	.4								3.6	7.7
WNW	.1	.5	.5									1.7	6.1
NW		.2	1.1	.4								2.4	7.5
NNW		.6	1.4									2.6	7.2
VARBL													
CALM													
	1.7	23.8	41.6	27.7	1.9	.3						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 747

WIND CLIMATE DATA SHEET  
 CIVILIAN  
 DATA - 55 WIND/1AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47  
 STATION

KEYSAS CITY INTL MS  
 STATION NAME

77-00  
 YEARS

001  
 MONTH

ALL WEATHER

CLASS

10-1-177  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.7	4.4	2.2	.1							.7	5.7
NNE		1.2	2.7	.9								4.7	5.5
NE		1.6	2.7	1.2								4.8	5.4
ENE		1.2	1.6	.9								3.5	5.4
E	.1	1.7	2.3	.9								3.1	7.7
ESE	.7	.9	2.3	1.3								4.3	5.7
SE	.1	1.7	3.1	.9								5.2	6.8
SSE		1.6	2.7	1.1								4.7	5.7
S	.4	2.6	9.0	7.8	.3							15.6	10.1
SSW	.4	1.9	5.2	6.2	.1							13.3	10.1
SW	.1	1.7	2.8	1.6	.5	.1						7.3	9.7
WSW		1.1	.9									2.7	6.7
W	.3	1.7	.8	.1								3.2	6.1
WNW	.1	1.6	1.1	.1								3.0	6.5
NW	.1	1.3	1.3	.5								3.4	7.4
NNW		1.7	1.7	.9	.1							4.3	5.7
VARBL													
CALM												4.3	
	2.2	24.7	42.2	26.7	1.7	.1						102.3	6.7

TOTAL NUMBER OF OBSERVATIONS

744



U.S. AIR FORCE  
 CLIMATE DIVISION  
 WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NO. 47 STATION NAME KANSAS CITY INTL MO YEARS 73-80 GUL 000  
 CLASS ALL WEATHER NORTH 111-200  
 CONDITION  HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.0	1.2		.1							4.0	5.1
NNE	.1	2.7	1.1	.3								4.2	5.4
NE	.1	2.4	1.0	.7								5.1	7.1
ENE	.4	2.3	1.7	.5								4.6	6.0
E	.3	3.6	2.7	.4								7.0	6.6
ESE	.1	7.7	3.1									10.9	6.0
SE	.1	6.9	2.9	.5								10.3	6.0
SSE	.7	6.7	6.2	.9								14.5	6.0
S	.3	5.2	9.8	5.8	.1							31.2	6.0
SSW		0.0	1.5	.7	.1							4.3	7.0
SW		1.3	.7	.1								2.0	6.2
WSW		.5										.5	5.3
W	.4	1.2	.1	.3								2.0	5.0
WNW	.4	.7	.1			.7						1.5	5.4
NW	.1	.5		.3								.9	6.7
NNW		.5	.8	.1			.1					1.7	6.0
VARBL													
CALM												4.3	
	3.5	47.4	33.3	10.6	.4	.3	.1					170.0	6.0

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE  
 FEDERAL CLIMATOLOGY BRANCH  
 WASHINGTON, D.C.  
 WEATHER SERVICE/441

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 STATION KANSAS CITY INTL MO STATION NAME 73-0 YEARS JUL MONTH ALL HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.1	2.4	1.0	.1							5.7	7.3
NNE	.1	1.0	1.6	.6	.1	.0						4.3	7.4
NE	.2	1.0	1.5	.7								4.5	7.5
ENE	.3	1.2	1.3	.8	.1							3.6	8.0
E	.3	2.5	2.3	.6								5.6	7.0
ESE	.1	3.4	2.3	.5								5.5	6.6
SE	.1	3.3	3.0	.6		.0						7.1	7.1
SSE	.3	3.3	3.4	1.0								7.2	7.2
S	.4	5.0	9.7	4.8	.4							21.1	6.6
SSW	.2	2.7	6.1	3.5	.4	.0						11.5	9.3
SW	.3	1.8	2.5	1.3	.2	.0						5.1	8.5
WSW	.1	1.1	1.1	.1								2.5	6.7
W	.2	1.6	.7	.2								2.6	6.2
WNW	.2	1.1	.6	.0		.0						1.9	6.2
NW	.2	1.0	.6	.2								2.0	6.3
NNW	.1	1.1	.0	.2	.0		.0					2.4	7.1
VARBL													
CALM												4.3	
	3.3	35.3	49.1	16.1	1.1	.1	.0					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 8551

JOINT CLIMATE BRANCH  
USAFETAC  
WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 47 KANSAS CITY INTL MO STATION NAME 73-80 YEARS ALL WEATHER CLASS 1000-0000 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	.9	.4								2.8	7.1
NNE		2.8	1.5	.4								4.7	6.8
NE	.1	1.9	2.8	.4								5.2	7.3
ENE	.1	.9	.9	.3								2.3	6.2
E		3.8	2.4	.4								6.6	6.0
ESE	.1	3.9	2.0	.1								6.2	6.3
SE	.1	4.9	5.4	1.5	.1							12.7	7.4
SSE	.5	5.3	5.2	1.2	.1							12.0	7.1
S		6.5	9.8	9.0	.1							20.4	9.3
SSW		2.4	2.6	2.4								6.3	6.3
SW	.1	.7	.8	.1								1.7	7.2
WSW	.1	1.2	.3									1.5	4.9
W	.4	1.5	.3	.1								2.3	5.3
WNW		.4	.1	.3								.8	6.5
NW	.3	.9	.4									1.6	6.1
NNW		1.7	.3	.1								1.7	6.2
VARBL													
CALM												2.8	
	2.2	41.1	35.8	16.8	.4							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 744



U.S. AIR FORCE  
 CLIMATE DIVISION  
 4000 WATSON DRIVE, WASHINGTON, D.C. 20331

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 47 KANSAS CITY INTL MO STATION NAME 13-80 YEARS MONTH ALL WEATHER CLASS 1378-1500 HOURS (L.S.T.) CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	1.3	.3								2.0	7.0
NNE		2.1	1.3	.1								3.5	6.3
NE		2.6	2.0	.3								4.9	5.0
ENE	.1	1.1	.7	.4								2.3	6.0
E	.7	3.1	2.0	.3								5.0	8.1
ESE	.1	2.0	2.3	.7								5.6	7.2
SE	.3	5.4	2.8									8.5	6.0
SSE	.7	4.6	5.4	.7								10.9	6.0
S	.7	5.0	7.4	7.3	.0							20.6	8.7
SSW		3.2	4.3	1.7	.1							9.4	6.7
SW	.1	.7	1.1	.1								2.0	7.3
WSW	.1	1.2	.5	.1								2.0	6.0
W	.4	1.9	.2									3.1	5.0
WNW	.4	1.0										2.3	4.0
NW	.4	.0	.4	.1								1.7	5.0
NNW	.1	.7	.8	.4								2.0	5.1
VARBL													
CALM												0.5	
	3.5	41.3	35.2	12.5	.9							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 744

LOCAL METEOROLOGICAL BRANCH  
 1-10-60  
 WEATHER SERVICE/MAC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

47	KANSAS CITY INTL MO	77-80	40
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			0500-0800
CLASS			NOV 60 (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.6	.7	.3								3.7	5.0
NNE	.1	1.5	.9	.9								3.6	7.0
NE	.1	1.3	1.7	.7								3.9	7.0
ENE	.1	1.1	.9	.3								2.4	7.4
E	.3	2.0	1.5	.4								4.3	6.7
ESE	.5	2.0	3.5	.4								5.5	7.1
SE	.4	3.3	4.0	.5	.1							5.1	7.0
SSE	.7	4.6	4.3	.5								10.1	6.7
S	.3	5.2	12.4	7.1	.4							26.3	9.1
SSW	.1	3.5	4.8	4.0	.3							12.8	9.0
SW		.8	1.3	.8								3.0	6.4
WSW	.4	1.5	.1	.1								2.2	5.3
W		1.3	.9		.1							2.4	7.0
WNW	.3	.9	.9									2.0	5.9
NW	.7	1.3	.7	.4								2.7	6.8
NNW	.3	1.5	.5									2.3	5.5
VARB													
CALM												4.5	
	4.3	34.3	39.4	16.5	.9							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 744

11. AL CLIMATOLOGY BRANCH  
 12. TAC  
 13. WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 STATION KANSAS CITY INTL MO STATION NAME 77-80 YEARS 1900-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	1.3	.4								2.4	7.5
NNE	.7	.4	1.6	.8								3.1	6.3
NE	.1	.5	1.2	.8	.1							2.8	7.7
ENE	.1	.7	1.2	.8	.1							3.3	7.1
E		.9	2.6	1.1								4.8	6.9
ESE		1.5	1.9	.5	.1							4.2	6.7
SE	.1	1.2	1.7	1.5								4.5	6.9
SSE	.4	1.3	4.7	2.7								7.1	7.7
S	.1	3.1	9.4	9.0	.9							22.4	10.1
SSW	.1	3.2	5.6	5.1	.5							15.6	9.7
SW		2.2	5.2	3.8	.3							11.4	9.3
WSW	.1	1.1	1.3	1.1	.1							3.7	9.3
W	.3	1.1	1.9									3.2	6.4
WNW	.1	.7	1.2	.3								2.8	7.3
NW	.3	.4	1.5	.5	.1							3.2	7.7
NNW		.7	1.2	.4								2.3	6.1
VARBL													
CALM												1.7	
	2.2	20.4	44.6	28.8	2.3							100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 744

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

U.S. AIR CLIMATOLOGY BRANCH  
WENTZ  
WEATHER SERVICE/MAC

STATION 47 STATION NAME KANSAS CITY INTL MO YEARS 77-80 MONTH ALL  
 CLASS ALL WEATHER  
 CONDITION 1980-1980  
 HOURS (L.S.T.) 1980-1980

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	2.3	1.1								4.8	7.0
NNE	.7	.5	1.6	.7								3.1	6.0
NE		.7	1.5	.5								2.7	5.5
ENE	.1	.5	1.9	.6								3.5	5.9
E	.3	1.9	2.7	1.7								4.8	6.7
ESE	.1	1.9	1.6	.5								3.0	7.5
SE	.7	1.3	2.0	1.6								3.2	6.7
SSE	.1	1.1	4.2	2.8	.1							3.3	7.7
S	.1	2.3	7.9	11.2	1.7	.1						23.4	11.2
SSW	.3	2.2	6.0	6.3	.9							15.7	10.3
SW	.1	1.6	5.1	2.2	.3							9.3	9.4
WSW	.5	1.7	.9	.8								4.2	7.1
W	.3	.8	.7	.4								2.2	7.6
WNW	.1	1.1	.6	.7								2.7	7.7
NW		.7	1.9	.1								2.7	8.1
NNW		.5	.5	.4								1.5	6.2
VARBL													
CALM												1.9	
	2.7	19.2	41.0	32.0	3.1	.1						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIRCRAFT CATALOG  
 KANSAS CITY  
 KANSAS CITY - SE-VILLAGE

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

47 KANSAS CITY INTL MO 73-80  
 STATION STATION NAME YEARS  
 ALL WEATHER  
 CLASS  
 CONDITION  
 1973-1974  
 OBS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	3.5	.7								4.5	8.2
NNE		1.7	2.2	.9	.1							3.1	8.6
NE	.1	.1	2.0	.8								3.2	9.3
ENE	.3	.1	1.9	.9								7.0	8.2
E	.4	2.1	2.8	1.6	.1							4.6	8.9
ESE	.1	1.1	1.9	1.7								6.4	8.7
SE	.1	1.6	2.7	.9								6.2	9.5
SSE		.2	3.2	2.0								23.9	10.7
S	.4	3.3	9.5	11.4	1.5	.1						14.4	10.2
SSW	.1	2.0	5.6	6.5	.1							6.6	7.5
SW	.4	2.6	2.4	1.2								2.6	7.5
WSW	.1	.9	1.2	.4								2.4	7.7
W	.4	.8	.7	.4								2.3	7.7
WNW		.7	.7	.4								2.4	9.2
NW		.8	.9	.7								2.2	8.2
NNW		.2	1.3	.4	.1								
VARBL												1.6	
CALM													
	2.6	20.3	42.1	31.0	2.2	.1						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 744

U.S. NATIONAL CLIMATOLOGY BRANCH  
USAFETAC  
U.S. WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 47 STATION NAME KANSAS CITY INTL MU YEARS 73-80 MONTH AUG  
STATION 47 STATION NAME KANSAS CITY INTL MU YEARS 73-80 MONTH AUG  
CLASS ALL WEATHER  
CONDITION 1800-2400  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.3	2.6	3.4	.5								7.7	7.1
NNE	.1	1.2	1.9	.5								3.3	8.1
NE	.1	2.3	2.3	1.1								5.6	7.1
ENE		1.9	2.3	.4								4.8	7.6
E	.3	2.1	3.6	.5								6.5	7.6
ESE	.3	4.7	3.2	1.2								6.7	7.3
SE	.7	3.6	3.1	1.2								6.5	7.1
SSE		5.1	4.6	.5	.1							10.3	7.1
S	.7	6.3	11.3	8.1	.4							22.3	9.1
SSW	.6	3.0	1.9	.6	.1							6.3	7.2
SW		.7	.5	.1								1.3	7.3
WSW		.4	.3									1.1	5.8
W		.7	.3	.1								1.1	7.3
WNW		.8	.1	.3								1.2	8.4
NW	.4	.5	.3	.1	.3							1.5	7.0
NNW		1.3	1.5	.1								3.0	7.1
VARBL													
CALM												5.2	
	7.2	36.4	40.5	15.7	.9							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 744

ALBANY TOLSON REANCH  
 TOLSON  
 TOLSON SERVICE/MAN

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 47 STATION NAME KANSAS CITY INTL MO YEARS 73-80 MONTH ALL

CLASS ALL WEATHER

CONDITION

MOON (L.S.T.) 11.0-22.0

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.1	1.1	.4								2.9	7.0
NNE	.1	1.7	1.3	.5								3.0	7.0
NE		2.2	1.6	1.1								4.0	7.0
ENE	.3	1.6	1.6	.5								4.0	7.0
E	.4	3.8	2.8	.4								7.4	6.8
ESE	.4	5.0	4.4	1.2								11.0	7.1
SE	.4	5.1	4.3	.9								11.2	6.0
SSE	.7	6.5	6.7	1.5								14.3	7.1
S	.5	5.2	12.1	7.4	.5							21.0	7.2
SSW		1.2	.5	.5								3.4	7.1
SW	.4	.4	.3			.1						1.0	6.3
WSW		.1	.4	.3								.8	6.7
W	.3	.0					.1					1.2	7.0
WNW	.1	1.1	.1	.1								1.3	6.0
NW		.4	.1	.1								.7	7.0
NNW	.4	1.1	.3	.3	.2							2.3	6.0
VARBL													
CALM												5.0	
	4.6	32.5	35.8	15.3	.8	.1	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 744

CLIMATE DATA BRANCH  
TAC  
WEATHER SERVICE/TAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 KANSAS CITY INTL MO 77-80  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
NORTH  
ALL  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.4	1.7	.5								1.0	7.0
NNE	.1	1.0	1.5	.6	.0							1.0	7.0
NE	.1	1.4	1.5	.7	.0							1.1	7.0
ENE	.2	1.0	1.4	.6	.0							1.0	7.0
E	.2	2.4	2.5	.8	.0							1.0	7.0
ESE	.2	2.7	2.6	.8	.0							1.4	7.0
SE	.4	3.3	3.3	1.0	.0							1.0	7.0
SSE	.3	3.7	4.8	1.5	.1							1.4	7.0
S	.3	5.1	10.0	5.8	.0	.0						1.0	7.0
SSW	.2	2.0	4.0	3.4	.3							1.0	7.0
SW	.0	1.2	2.1	1.0	.1	.0						4.6	8.7
WSW	.0	1.1	.6	.4	.0							1.3	7.1
W	.3	1.1	.7	.1	.0		.0					1.2	1.0
WNW	.1	1.0	.5	.3								1.0	6.7
NW	.2	.0	.2	.3	.1							2.1	7.0
NNW	.1	1.0	.9	.3	.1							1.2	7.4
VARBL													
CALM												1.4	
	1.2	31.6	32.3	21.1	1.4	.1	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7050



PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

47	MISSAG CITY INTL MO	77-81	
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			10-20-80
	CLASS		HOURS (L.S.T.)
	CONDITION		

[illegible]

TOTAL NUMBER OF OBSERVATIONS 12

U.S. AIR FORCE CLIMATOLOGY BRANCH  
 USAFETAC  
 WEATHER SERVICE/AFAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47  
 STATION

KANSAS CITY INTL MO  
 STATION NAME

72-83  
 YEARS

SEP  
 MONTH

ALL WEATHER  
 CLASS

1000-1500  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	1.9	.8								4.3	7.4
NNE	.3	2.3	1.7	.4								4.4	6.7
NE		2.2	1.8	.4								4.4	7.0
ENE	.1	1.2	1.5	.6								3.6	7.4
E	.3	3.5	1.8	.7								4.2	6.8
ESE	.1	3.2	2.2	.1								5.7	6.4
SE	.4	4.2	2.1	.3								4.7	7.7
SSE	.1	5.3	4.4	.6								10.4	6.7
S	.3	9.7	9.2	3.1	.1							22.4	7.5
SSW	.3	3.8	1.7	.4	.1							4.7	6.3
SW	.1	2.4	1.1									1.5	5.7
WSW	.3	1.7	.3									1.2	5.1
W	.1	2.2	1.0									3.3	5.0
WNW	.3	2.3	.3	.1								3.5	5.1
NW	.3	1.5	1.5	.4								3.7	7.1
NNW	.1	1.1	1.8	.1								3.2	7.3
VARBL													
CALM												5.1	
	3.5	49.4	33.6	8.1	.3							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

72

U.S. AIR FORCE METEOROLOGICAL BRANCH  
 FORM 0-8-5 (OL-A)  
 1-64 (STAT. USE VICE/MAC)

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 47 KANSAS CITY INTL MO STATION NAME 72-80 YEARS MONTH 1-1-72 TO 12-31-72  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.0	1.6	1.4								1.2	2.7
NNE		2.4	2.1	1.0								1.4	1.6
NE	.3	1.0	1.7	.4								4.2	1.7
ENE		.7	1.4	.7								2.0	1.1
E	1.0	2.0	1.8	1.1								5.7	1.2
ESE	.3	2.2	2.4	.8								5.7	2.0
SE	.1	2.4	2.1	.4								1.0	1.1
SSE	.4	4.7	4.4	1.0								14.0	2.1
S	.7	7.4	7.5	3.3	.4							16.2	3.4
SSW	.5	4.0	1.9	1.0								7.5	1.7
SW	.1	2.1	.9									3.1	1.0
WSW	.1	1.5	.3									1.6	1.1
W	.1	1.4	.6									1.1	1.4
WNW		2.5	1.4	.4								4.4	1.1
NW	.4	1.1	1.5	.8	.1							4.5	1.7
NNW		1.7	1.9	.6								4.0	1.4
VARBL													
CALM												7.1	
	4.3	41.7	33.5	12.9	.6							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 72

U.S. AIR FORCE  
AFMPC  
METEOROLOGICAL SERVICE/AFMPC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 147 STATION NAME NEW YORK CITY INTL AFB YEARS 77-80

CLASS ALL WEATHER

CONDITION

ROUTE 900-1100

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	1.0	4.2	.1							7.1	10.7
NNE	.1	.1	1.2	2.6	.1							1.0	10.0
NE		1.1	1.2	.9	.1							1.2	7.9
ENE	.7	1.2	1.5	1.0								4.0	7.9
E	.1	1.7	3.6	1.1								1.5	5.1
ESE	.3	.7	2.9	1.0								3.7	9.3
SE		1.4	3.1	1.1	.1							2.7	6.7
SSE		1.2	3.7	2.1								7.1	9.4
S	.1	3.3	3.5	7.4	.4							1.7	9.7
SSW		2.4	3.9	3.1	.1	.1						4.9	9.5
SW	.5	2.6	2.3	.6								1.2	6.1
WSW	.2	1.7	1.5	.1								2.9	6.7
W	.7	1.3	1.7	.3								2.3	6.7
WNW	.1	2.1	.9	.6								3.5	7.7
NW		.4	2.1	1.0								3.5	7.4
NNW		.3	2.2	1.9	.1							4.7	10.7
VARBL													
CALM												2.2	
	2.1	22.2	41.0	29.4	1.2	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 72

U.S. AIR FORCE  
 1. STATION  
 2. STATION - SERVICE/MAAC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

47 STATION KANSAS CITY INTL MO STATION NAME 72-80 YEARS 1961-1971 MONTH 1961-1971

ALL WEATHER CLASS 1961-1971 HOURS (L.S.T.) 1961-1971

CONDITION 1961-1971

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	1.0	4.2	.3							7.4	1.0
NNE		.4	1.8	2.6	.1							3.4	1.0
NE		.4	1.8	1.4								3.6	1.7
ENE		.7	.7	1.1								2.5	1.4
E	.6	1.5	2.4	1.0								3.4	1.5
ESE	.1	1.0	4.6	1.4								3.1	1.1
SE	.1	1.2	4.3	.8								3.5	1.1
SSE	.1	1.1	3.1	2.6	.1							3.5	1.1
S	.7	2.6	6.5	7.4	.9	.4						17.2	1.1
SSW	.4	2.1	2.8	1.5	.7							7.0	1.1
SW		2.4	3.2	.7	.3							3.5	1.1
WSW	.3	1.1	1.2	.3								2.7	1.1
W	.4	1.4	1.2	.1								3.7	1.1
WNW	.2	.7	1.0	.6								2.5	1.1
NW	.3	1.1	1.0	1.7								4.9	1.1
NNW		1.1	1.0	2.5								5.4	1.1
VARBL													
CALM												2.1	
	3.1	21.0	40.7	29.9	2.4	.6						100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 720

ALBANY CLIMATOLOGY BRANCH  
 1960 TAC  
 1. WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 47 KANSAS CITY INTL MO STATION NAME 73-90 YEARS MONTH 06  
 ALL WEATHER CLASS 15.0-17.0 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	3.1	4.7	.6							4.7	1.5
NNE	.1	1.1	1.7	1.5								4.5	1.6
NE	.7	1.1	1.7	1.0								4.7	1.4
ENE		1.0	1.5	.6								3.1	1.2
E	.1	1.0	3.2	1.4								5.1	1.0
ESE	.1	1.3	4.4	.6								7.1	1.3
SE	.1	2.5	4.4	1.2								.1	1.1
SSE	.1	1.0	4.2	3.4								.1	1.2
S	.3	2.2	7.2	5.4	1.5	.4						17.3	13.7
SSW	.1	1.3	2.6	1.2	.3							4.6	4.7
SW	.1	1.2	1.8	.6								4.4	7.4
WSW	.1	1.1	1.1	.3								2.0	7.0
W	.1	.4	.7	.6								1.3	7.7
WNW	.1	.5	1.1	.4								2.2	7.2
NW		.1	2.1	1.5								4.4	6.4
NNW	.7	1.7	1.9	2.1	.1	.1						5.2	7.3
VARBL													
CALM												4.0	
	4.2	22.1	42.2	25.3	2.5	.6						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 720



LOCAL METEOROLOGICAL BRANCH  
 USAFETAC  
 ALL WEATHER SERVICE/PAO

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION 77-41 KANSAS CITY INTL MO 77-80 REF  
STATION NAME YEARS  
ALL WEATHER 100-7000  
CLASS HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.8	2.6	1.4								7.1	7.2
NNE		2.2	1.2	.4	.1							4.0	7.6
NE	.1	1.2	1.9	.1								3.3	7.1
ENE	.1	1.1	1.6	1.0								4.7	6.7
E	.3	3.5	3.6	.6								7.2	6.7
ESE	.1	5.1	4.5	.7								12.8	5.7
SE	.3	7.4	5.1	.4								13.2	5.5
SSE	.3	6.5	5.7	1.5								14.3	7.0
S	.1	5.1	5.7	3.5	.3							14.7	6.4
SSW	.4	1.2	1.0	.3								3.9	6.5
SW	.3	.7	.7									1.7	5.0
WSW		.8		.1								1.0	5.7
W	.1	1.3	.1	.3								2.4	5.7
WNW		1.3	.4	.3								2.5	6.7
NW	.1	1.5	.7	.4								2.6	5.7
NNW	.1	1.7	1.2	.6								3.5	7.7
VARBL													
CALM												4.3	
	2.8	44.9	36.1	11.5	.4							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 700



U.S. AIR FORCE  
 CLIMATE DIVISION  
 WASHINGTON, D.C. 20330

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 147 STATION NAME KANSAS CITY INTL MO YEARS 77-80 MONTH ALL

CLASS ALL WEATHER

CONDITION ALL

HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	2.0	2.5	.1							0.7	2.0
NNE	.1	1.0	1.0	1.1	.1							0.7	2.0
NE	.1	1.0	1.0	.7	.0							0.7	2.0
ENE	.1	.0	1.4	.9								0.7	2.0
E	.2	2.7	3.0	.6								0.7	2.0
ESE	.2	3.7	3.6	.7								0.7	2.0
SE	.3	4.0	3.4	.7	.0							0.7	2.0
SSE	.2	3.4	4.4	1.5	.0							0.7	2.0
S	.2	5.2	7.2	4.8	.6	.1						1.0	2.0
SSW	.3	2.6	2.2	1.0	.2	.0						0.7	2.0
SW	.1	1.0	1.5	.2	.0							0.7	2.0
WSW	.2	1.1	.7	.1								0.7	2.0
W	.2	1.4	.7	.2								0.7	2.0
WNW	.1	1.7	.7	.3								0.7	2.0
NW	.2	1.0	1.6	.5	.0							0.7	2.0
NNW	.1	1.0	1.6	1.1	.1	.0						0.7	2.0
VARBL													
CALM													
	2.2	35.0	37.6	17.4	1.1	.0						100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 76

U.S. AIR FORCE  
 WEATHER SERVICE  
 KANSAS CITY INTL MO

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 47 STATION NAME KANSAS CITY INTL MO YEARS 73-90 MONTH NOV  
 CLASS ALL WEATHER  
 CONDITION   
 HOURS (L.S.T.) 1201-1200

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.3	1.6	2.7	.3							7.4	7.7
NNE	.1	2.3	1.1	.5	.3							4.3	7.4
NE	.3	1.9	1.1	.5	.1							3.9	6.9
ENE		.3	1.7	.1								2.3	3.1
E		1.1	1.7	.8								3.6	6.7
ESE		1.2	1.7	1.1								4.3	6.7
SE		2.7	2.7	1.1	.1							6.9	5.1
SSE	.5	2.4	4.4	.8		.3						1.5	8.7
S	.3	5.1	10.1	7.5	.8	.7	.1					24.6	10.7
SSW	.5	3.1	3.4	2.6	.7							10.2	5.7
SW		1.7	1.2	.1								3.1	6.7
WSW	.7	1.6	.5									2.4	5.3
W		2.3	1.7			.1						4.2	7.7
WNW	.3	4.2	1.1	.3								3.3	6.7
NW	.1	2.3	1.1	.1								3.6	6.1
NNW	.1	1.2	1.7			.1						3.4	7.9
VARBL													
CALM												3.0	
	3.1	34.2	37.1	18.3	2.3	1.2	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE  
 WEATHER SERVICE/FAO

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 47 STATION NAME KANSAS CITY INTL MO YEARS 77-80 MONTH ALL  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) 0000-2359  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	2.2	1.5								2.8	5.7
NNE		1.2	2.4	.5	.4							3.3	5.7
NE		1.1	1.2	.4								2.7	7.4
ENE	.7	.5	.3	.3								1.8	6.7
E		1.7	1.3	.9								4.8	4.6
ESE	.1	.7	1.9	.5	.1							7.4	5.7
SE	.7	1.6	3.1	1.1								6.5	7.6
SSE		2.6	3.9	1.5								7.4	8.7
S	.1	4.2	2.9	5.9	.3	.4						21.4	9.7
SSW	.1	2.7	3.8	2.3	.7							7.1	8.7
SW		1.5	1.1	.5								3.1	7.6
WSW		2.4	1.3	.1	.3							4.2	6.7
W	.4	4.3	2.4	.7								7.8	6.7
WNW	.1	2.6	1.6	.3	.1							4.7	7.6
NW	.1	2.7	1.9	.9	.1							5.8	7.7
NNW		.5	1.7	1.6								3.9	9.8
VARBL													
CALM												4.7	
	1.9	31.7	59.9	19.2	2.2	.4						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE  
 USAFETAC  
 WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 747 KANSAS CITY INTL MO STATION NAME 77-80 YEARS NORTH  
 ALL WEATHER CLASS 1960-1961  
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	1.5	1.6								2.7	9.7
NNE	.3	1.9	1.9	.8								4.9	7.4
NE		1.2	1.1	.4								2.7	7.0
ENE		.9	.7									1.6	5.7
E	.1	1.2	.4	.7								1.6	5.7
ESE	.3	1.2	2.7	.8	.1							4.4	6.1
SE	.1	2.7	2.3	.9	.3							5.0	6.8
SSE	.4	1.7	4.4	1.7								6.5	7.0
S	.1	4.3	7.1	8.2	1.7	.5						23.8	10.3
SSW	.5	1.9	3.9	.9	.1							7.3	7.0
SW	.1	2.2	1.1	.7								4.0	6.5
WSW	.4	2.3	.7	.1								3.1	5.4
W	.7	4.4	1.9	.4	.1							7.1	6.4
WNW	.1	2.7	1.9	1.1	.1							5.0	7.0
NW	.1	1.7	2.2	1.2	.3							5.6	6.4
NNW	.3	1.1	1.5	1.5								4.3	5.7
VARB													
CALM												4.0	
	3.2	32.1	36.7	21.1	2.3	.5						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 744

1. NAME OF STATION (MILITARY)  
2. LOCATION  
3. DATE OF SERVICE (Y/M/A)

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 47 STATION NAME 19645 CITY INTL MO YEARS 72-80 MONTH NORTH  
CLASS ALL WEATHER HOURS (L.S.T.) 300-1200  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.9	2.4	7.4	.1							1.2	1.0
NNE	.7	.4	1.9	1.6								4.2	2.0
NE	.1	.7	.7	.7								2.2	.1
ENE	.1	.1	1.1		.1							1.5	.1
E	.1	1.2	1.2	.5								1.1	7.7
ESE		1.7	2.7	1.5	.3							.1	7.7
SE	.1	1.1	1.5	1.7								4.2	7.1
SSE	.1	1.1	2.6	2.8	.1							2.7	10.1
S	.1	1.3	7.1	10.1	1.0	1.7	.1					21.2	12.0
SSW	.4	1.1	2.2	4.3	.4	.1						2.2	12.0
SW	.1	.7	2.5	1.7	.4							2.5	9.0
WSW	.7	1.3	1.6	.4								2.0	7.0
W	.7	2.6	2.3	1.1								2.2	7.0
WNW	.4	1.1	1.3	1.3	.7	.1						4.6	7.0
NW		.9	1.5	3.4	.4	.1						2.2	11.0
NNW	.1	.7	1.5	3.4	.1							2.0	11.2
VARBL													
CALM												2.4	
	1.0	16.7	34.7	37.9	3.2	1.6	.1					100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 744

11. AD. CLIMATE/11. AD. ADON  
 12. AD. CLIMATE/11. AD. ADON  
 13. AD. CLIMATE/11. AD. ADON

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 KANSAS CITY INTL MO 73-85

STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

MOON (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	2.3	2.7	.1	.1						.2	1.2
NNE	.1	.2	1.6	1.5								.2	.5
NE		.2	.2	.5	.3							.2	.5
ENE		.2	.4	.8								.2	.5
E		.2	1.3	.8								.2	.5
ESE		.2	1.5	.3	.4	.7						.2	1.1
SE		.2	2.2	1.7								.2	.5
SSE		1.7	3.1	2.2	.3							.2	.5
S	.1	.2	4.2	4.8	1.5	1.1	.1					1.7	1.5
SSW	.2	.5	3.6	4.0	1.1	.4						.2	1.5
SW	.1	1.8	3.7	2.7	.7	.1						.2	1.5
WSW		1.2	1.1	.3		.1						.2	.5
W		2.2	1.7	1.5	.1							.2	.5
WNW		1.7	1.6	2.8	.3	.3	.1					.2	1.1
NW		.7	1.5	2.2	.9	.1						.2	1.5
NNW		.8	3.7	2.9	.8							.2	1.5
VARBL												.2	
CALM												.2	
	.5	15.9	33.1	38.7	6.5	2.6	.3					1.2	1.2

TOTAL NUMBER OF OBSERVATIONS 244

U.S. AIR FORCE  
 AIRCRAFT SERVICE  
 AIRCRAFT SERVICE

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 147 STATION NAME KANSAS CITY INTL MO YEARS 77-80 MONTH 1-12-77 HOURS (L.S.T.) 1000-1700

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.7	3.6	2.8	.1							1.4	1.4
NNE		1.7	1.6	1.2	.1							1.4	1.4
NE	.1	1.2	.8	1.1	.3							1.2	1.2
ENE		.8	.8	.3								1.7	1.7
E		1.2	1.7	.4								1.4	1.4
ESE		1.7	1.3	1.3	.1							1.4	1.4
SE	.1	.7	2.7	1.7								.4	.4
SSE		.8	2.3	2.6	.4	.7						.7	1.0
S		2.7	5.2	7.7	1.9	.8	.1					1.7	1.7
SSW		1.1	2.2	2.6	1.1							.7	1.1
SW	.3	1.2	2.4	1.5	.5	.1						1.7	1.7
WSW	.3	1.7	1.1	.8	.1							.8	.8
W		.7	1.7	.8								1.1	1.1
WNW	.1	.7	1.2	2.6	.4	.4						.3	1.2
NW		.7	3.2	4.3	.7							1.7	1.7
NNW	.1	1.2	1.6	2.6	.2							1.1	1.1
VARBL													
CALM													
	1.2	10.7	33.7	32.5	6.7	1.7	.1					1.4	1.4

TOTAL NUMBER OF OBSERVATIONS 74

U.S. AIR FORCE  
IAC  
NATIONAL WEATHER SERVICE

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 47 KANSAS CITY INTL 72-60 YEARS 067 MONTH 067  
STATION NAME ALL WEATHER CLASS 067 HOURS (L.S.T.) 067  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	3.2	4.2	1.7	.3	.1						.4	6.4
NNE		1.7	2.7	.5								4.2	7.1
NE		1.1	1.7	.5								3.3	7.7
ENE		1.7	1.7	.3								3.7	7.4
E	.1	3.7	2.2	.5								5.5	6.7
ESE	.3	3.1	2.4	.7	.1							5.6	7.1
SE	.4	3.7	2.4	.4								5.2	6.7
SSE	.7	4.7	5.1	2.0	.3	.1						11.3	6.7
S	.7	4.3	6.3	5.5	1.3	.3	.1					17.1	11.1
SSW	.1	1.7	1.5	.3	.1							3.2	7.5
SW	.3	2.7	.8	.3								3.4	6.6
WSW	.1	1.7	.3	.4								2.7	5.6
W	.7	1.5	.7									2.4	5.1
WNW	.4	2.2	1.1	.4	.3	.1						4.4	7.5
NW		1.7	2.7	.7								4.7	7.5
NNW	.1	2.6	2.7	1.2								5.6	7.7
VARBL													
CALM												3.4	
	3.0	37.7	37.4	15.2	2.4	.7	.1					17.2	7.7

TOTAL NUMBER OF OBSERVATIONS 744



U.S. AIR FORCE  
 NATIONAL METEOROLOGICAL SERVICE  
 METEOROLOGICAL SERVICE/AFM

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

47 STATION KANSAS CITY INTL MO 77-90 001 MONTH  
 STATION NAME YEARS  
 ALL WEATHER CLASS  
 CONDITION  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.6	2.4	1.6	.4							7.7	5.2
NNE	.1	2.3	1.9	.4								5.4	7.1
NE		1.1	1.3	.4								2.8	7.5
ENE		.3	1.2									2.3	7.2
E	.1	1.7	2.3	.9								5.1	7.7
ESE	.7	1.1	2.6	.8								4.7	7.3
SE		3.6	3.9	.5								5.1	7.1
SSE		3.4	5.1	1.3								5.5	7.1
S	.1	4.6	12.2	7.8	1.2	.7	.1					24.7	10.1
SSW		1.6	2.2	1.3	.3							5.4	7.1
SW		.7	.9	.1		.1						1.2	6.7
WSW		1.6	.3	.4	.1							2.4	7.7
W	.1	3.5	1.1	.1		.1						5.2	8.7
WNW	.1	2.2	1.2	.5								4.6	7.1
NW		2.5	1.7	.4								5.6	5.5
NNW		2.5	1.1	.5								2.6	7.1
VARBL													
CALM												3.4	
	1.2	35.2	32.8	17.3	2.7	.9	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 744

UNITED STATES DEPARTMENT OF COMMERCE  
NATIONAL OCEANOGRAPHIC SERVICE  
NATIONAL WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	KANSAS CITY INTL NO	77-80	NOT
STATION NAME		YEARS	NORTH
ALL WEATHER			ALL
CLASS			HOURLS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.7	2.6	2.2	.2	.2						5.6	9.4
NNE	.1	1.6	1.8	.9	.1							4.1	6.7
NE	.1	1.1	1.3	.8	.1							3.2	5.0
ENE	.1	.7	1.3	.7	.1							1.9	7.7
E	.1	1.6	1.6	.7								3.1	7.8
ESE	.1	1.3	1.6	.9	.2	.7						4.5	6.7
SE	.1	1.7	2.6	1.2	.1							3.2	7.8
SSE	.2	2.2	3.9	1.9	.1	.1						5.3	6.8
S	.2	3.7	7.8	7.8	1.3	.7	.1					11.2	10.7
SSW	.2	1.7	2.8	2.3	.5	.1						7.8	8.7
SW	.1	1.6	1.7	1.3	.2	.1						4.6	8.7
WSW	.2	1.7	.9	.3	.1	.2						3.2	6.7
W	.2	2.6	1.7	.6	.2	.7						5.1	7.1
WNW	.2	2.2	1.4	1.2	.7	.1	.2					5.7	6.7
NW	.1	1.6	2.3	1.8	.3	.7						5.7	9.7
NNW	.1	1.3	1.6	2.0	.7	.2						5.4	9.8
VARBL													
CALM												3.3	
	2.1	27.2	36.5	25.4	3.4	1.2	.1					112.0	9.4

TOTAL NUMBER OF OBSERVATIONS 5952

U.S. AIR FORCE  
METEOROLOGICAL SERVICE  
U.S. AIR FORCE

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 47 KANSAS CITY INTL 73-80  
STATION NAME YEARS  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.2	4.6	1.4		.1						2.3	3.6
NNE	.3	1.4	1.4	1.4								4.4	1.4
NE		.7	2.8	.7								4.2	1.4
ENE	.3	.7	.6	.1	.1							2.2	7.7
E		.2	1.9	.2	.1							3.7	3.3
ESE		2.4	.9		.1							3.3	6.7
SE		2.4	2.1	1.1	.1							3.7	7.7
SSE	.4	1.4	2.9	1.2	.1							6.1	6.1
S		2.3	5.4	6.5	1.5							15.2	10.7
SSW	.1	1.9	5.9	3.6	1.0	.7						14.2	10.6
SW	.1	1.9	1.9	.7	.1							4.6	7.7
WSW		2.2	.7	.3								3.2	6.6
W		1.7	2.6	1.2	.4							3.7	6.7
WNW	.3	1.2	3.6	1.8		.1						7.6	9.1
NW	.1	1.1	2.4	2.1	.6	.1						6.4	10.3
NNW	.1	1.0	2.2	1.2		.1						4.7	9.2
VARBL													
CALM												1.2	
	1.3	26.0	41.0	24.0	4.3	.8						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 720

LOCAL OBSERVATORY BRANCH  
 REPORT  
 WEATHER SERVICE/PAO

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47  
 STATION

KANSAS CITY INTL MD  
 STATION NAME

77-80  
 YEARS

MO  
 MONTH

ALL WEATHER  
 CLASS

1977-1980  
 YEARS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.5	2.0	1.5	.1							7.4	9.1
NNE		1.5	2.1	1.2								5.1	8.1
NE		.4	2.1	1.7								4.5	8.7
ENE		.2	1.1	.1								1.1	7.7
E	.1	1.7	.4	1.7	.3							3.5	8.0
ESE		1.7	1.4	.8								2.6	7.4
SE	.1	1.4	1.5	.7								2.7	7.7
SSE		1.7	4.4	1.7								1.1	8.0
S	.3	3.7	5.6	6.7	1.1							14.4	11.1
SSW	.1	2.4	3.2	3.2	1.1							8.9	10.4
SW		1.1	2.1	.8								3.0	8.0
WSW		1.1	1.2	.3								2.6	7.3
W	.3	3.5	2.6	1.5	.4							8.3	8.1
WNW	.1	2.5	2.4	2.5	.3							7.0	9.1
NW		1.5	2.1	1.8	.4							5.1	7.5
NNW		.7	.6	1.4	.6							3.2	11.0
VARBL													
CALM												1.0	
	1.1	23.6	36.7	26.5	4.2							17.2	1.7

TOTAL NUMBER OF OBSERVATIONS

17

ALLEGATOLODY BRANCH  
TAC  
FUTON SE VICH/NAU

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

47  
STATION

ALLEGATOLODY BRANCH  
STATION NAME

77-96

YEARS

NO  
MONTH

ALL WEATHER  
CLASS

0600-1800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	3.3	1.9								7.1	4.2
NNE		.7	2.4	1.2								4.3	2.4
NE		1.1	1.1	1.5								3.7	3.0
ENE		.5	1.1	.3								1.8	3.0
E		1.2	2.1	.6	.1							4.0	3.4
ESE	.1	.7	1.1	1.4								3.3	4.0
SE	.1	1.5	1.4	1.4								4.7	5.0
SSE		1.1	3.5	1.9	.1							6.5	3.0
S	.3	2.3	5.2	5.0	1.3							17.1	10.5
SSW	.1	1.5	5.3	2.9	.1	.1						10.1	5.3
SW		1.5	1.8	1.2	.6							5.1	5.0
WSW	.1	1.4	1.0	.7								3.2	7.5
W		2.5	3.2	1.2	.1							7.1	5.7
WNW	.3	2.1	2.6	1.7	.7	.3						7.0	9.5
NW		1.2	1.5	1.7	.6							5.4	10.3
NNW	.2	1.0	1.2	1.0	.7							4.2	10.1
VARBL													
CALM												3.0	
	1.4	23.2	39.3	27.2	4.9	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

724

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL MO	73-60	TCV
STATION	STATION NAME	YEARS	ROUTE
ALL WEATHER			1900-1100
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	2.6	2.6	.1							4.1	10.5
NNE		.4	1.8	1.7	.1							4.0	10.0
NE		1.0	1.7	1.1	.1							3.9	9.0
ENE		.4	1.9	.7								3.1	6.9
E		.7	2.2	2.2								3.1	6.8
ESE		.7	1.7	1.5								3.9	7.0
SE		1.0	1.5	2.1								4.6	.7
SSE	.1	.7	1.0	1.7								4.0	7.7
S		1.0	3.1	6.7	2.9							14.2	12.0
SSW	.1	1.1	2.5	6.0	1.1	.1						11.0	13.0
SW		.6	2.4	3.3	.1							6.4	10.7
WSW	.1	1.0	2.4	.8	.1							4.5	8.0
W	.3	1.3	2.8	2.5	.6	.3						7.6	10.8
WNW		.7	3.3	2.2	1.0	.7						7.9	12.0
NW	.1	.7	2.5	2.5	.9							6.7	11.0
NNW	.3	.4	1.3	2.6	.3							4.0	11.1
VARBL													
CALM												1.7	
	1.1	12.0	35.5	40.3	7.4	1.1						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 710

U.S. AIR FORCE  
 CLIMATOLOGY BRANCH  
 W. H. TAC  
 WEATHER SERVICE/TAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 27 47 KANSAS CITY INTL MO STATION NAME 72-50 YEARS MONTH 10-14-60 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	2.6	3.7	.4							1.8	1.4
NNE		.0	1.1	1.2	.3							3.6	9.7
NE		.4	1.7	1.1	.1							3.3	9.0
ENE	.1	.4	1.0	.6								3.1	8.7
E		.3	2.5	.8								3.6	9.7
ESE		.7	1.2	1.4								3.3	8.7
SE		.1	1.3	1.4								4.0	8.7
SSE		.7	1.5	1.5	.1							3.9	11.3
S	.1	1.1	3.3	7.1	1.9	.5						14.4	13.7
SSW		.7	1.2	5.6	1.7	.4						13.3	13.4
SW		.7	2.5	4.6	.6	.1						1.5	11.7
WSW		.7	1.1	1.2	.1							3.2	9.7
W		.1	2.5	7.3	.4	.1						6.7	11.0
WNW	.1	.5	2.4	5.0	1.5	.5						13.1	13.7
NW		.9	1.4	7.6	1.5							7.4	12.9
NNW	.1	.4	1.8	2.2	.3							4.9	11.0
VARBL													
CALM												1.8	
	.6	10.1	31.5	44.0	9.0	2.1						100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 72

1. ALL CLIMATOLOGY STATION  
 2. STATION  
 3. STATION SERVICE/140

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 KANSAS CITY INTL MO 73-80

STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

MO 7-17

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.7	3.3	4.5	.1							7.6	3.0
NNE		.7	1.1	1.9	.7							4.3	11.0
NE	.1	.7	2.4	1.4								4.6	8.7
ENE		.4	.8	1.0								2.2	1.0
E	.1	.4	1.5	1.8								3.8	4.0
ESE		.7	1.7	1.5								3.9	7.0
SE	.3		1.4	1.1	.3							3.1	13.0
SSE	.1	.6	1.5	2.1								4.3	13.4
S		1.5	4.3	6.4	1.5							13.8	11.0
SSW	.3	1.7	3.3	4.0	.6							4.9	13.0
SW	.7	1.4	2.1	2.1	.3							5.1	9.8
WSW	.1	1.0	1.5	.8	.1							2.6	8.8
W		1.4	2.2	3.1	1.0	.1						7.8	11.4
WNW		.7	1.8	3.5	.4	.4						6.8	12.3
NW	.1	.4	2.2	4.6	1.0	.1						6.5	12.2
NNW	.1	.8	2.6	3.5	.4							7.8	12.0
VARBL													
CALM												3.0	
	1.7	13.9	33.0	41.3	6.0	.7						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 719



AL CLIMATELOGY BRANCH  
 AFM/TAC  
 WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 147 KANSAS CITY INTL MO STATION NAME 73-80 YEARS MONTH 1973-1974 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.5	2.6	2.2	.4							8.5	10.1
NNE	.1	.2	1.0	1.2	.1							3.3	9.0
NE	.1	1.4	2.8	1.0								3.3	9.0
ENE	.1	.3	1.0	1.1								4.7	8.9
E	.1	1.0	1.7	1.1								4.2	9.0
ESE		1.0	1.7	1.5								4.7	8.2
SE		1.0	2.2	.4	.1							7.2	8.0
SSE		1.0	3.7	1.1	.4							17.4	9.0
S		1.0	5.2	5.7	.6							3.4	9.1
SSW	.4	1.0	2.5	1.5								3.0	9.0
SW	.2	1.0	1.0	1.5	.1							2.0	7.3
WSW	.1	1.1	.8	.6								8.3	8.0
W		7.1	2.2	1.1	.3	.1						6.9	10.0
WNW	.1	2.1	2.4	1.2	.9	.3						7.5	9.0
NW		2.2	3.6	1.2	.4							6.6	10.0
NNW		1.0	2.1	2.8	.1								
VARBL													
CALM												3.1	
	1.0	23.0	42.5	25.4	3.5	.4						100.0	

TOTAL NUMBER OF OBSERVATIONS 720

U.S. AIR FORCE METEOROLOGICAL BRANCH  
AF 1140  
METEOROLOGICAL SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	KANSAS CITY INTL MO	77-81	
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			1-12-50
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.7	2.6	2.0	.7							7.7	4.0
NNE	.1	1.9	1.8	1.7								4.7	7.0
NE	.7	.7	2.4	1.0								4.0	7.4
ENE	.1	.7	1.0	.7								3.0	7.0
E		1.4	1.7	.7								2.7	7.0
ESE		1.0	2.5	1.0								3.0	7.0
SE		1.7	1.7	.7								3.0	7.0
SSE	.1	2.1	3.7	1.1	.4	.1						3.0	7.0
S	.3	2.2	2.4	1.7	.6	.1						3.0	7.0
SSW		1.1	2.6	2.6	.4							3.0	7.0
SW		2.1	1.5	.4								3.0	7.0
WSW	.1	.7	1.7	.7								2.4	7.0
W	.7	1.3	2.2	1.1		.1						3.1	7.0
WNW	.3	2.2	2.7	2.1	.3	.7						3.0	7.0
NW		1.3	2.3	2.4	1.7	.1						3.0	11.0
NNW	.7	.0	1.7	1.7	.1							3.0	7.0
VARBL													
CALM												2.4	
	1.4	26.7	59.2	25.4	3.6	.0						1.0	7.0

TOTAL NUMBER OF OBSERVATIONS 72

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANOGRAPHIC SERVICE  
CLIMATE DIVISION

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 47 KANSAS CITY, MO. 71-72 YEARS 71-72 MONTH ALL  
 CLASS ALL WEATHER  
 CONDITION ALL  
 HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.6	3.2	2.4	.7	.7						2.4	4.0
NNE	.1	1.1	1.6	1.4	.1							4.2	6.0
NE	.1	.7	2.1	1.2	.1							5.2	6.6
ENE	.1	.6	1.3	.6	.7							2.6	4.7
E	.1	1.7	1.8	1.1	.1							4.2	4.0
ESE	.2	1.2	1.5	1.1	.6							4.6	6.0
SE	.1	1.3	1.8	1.1	.1							4.3	4.0
SSE	.1	1.2	2.2	1.6	.2	.7						5.0	4.2
S	.1	2.2	5.4	6.4	1.5	.1						11.7	11.0
SSW	.2	1.5	3.4	3.7	.7	.1						7.7	10.0
SW	.1	1.4	1.9	1.8	.2	.6						.9	4.6
WSW	.1	1.1	1.3	.6	.1							2.2	4.0
W	.1	2.1	2.6	1.9	.4	.1						7.2	6.0
WNW	.7	1.0	2.6	2.5	.6	.2						7.3	10.0
NW	.1	1.2	2.4	2.5	.8	.1						6.2	10.0
NNW	.2	.6	1.7	2.0	.3	.5						5.0	10.3
VARBL													
CALM												2.4	
	1.6	20.7	37.4	31.9	5.3	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 15

U.S. AIR FORCE  
 AIRCRAFT  
 METEOROLOGICAL SERVICE/14C

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47  
 STATION

14 GAS CITY INTL NC  
 STATION NAME

73-80  
 YEARS

12  
 MONTH

ALL WEATHER  
 CLASS

1000-11  
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.2	3.4	5.0	.7							2.1	13.4
NNE	.1	.4	.9	.7	.7							3.1	17.7
NE		.7	.9	.3								1.9	7.3
ENE	.1	.4	1.1	.3	.1							2.6	2.0
E	.1	2.4	2.3	.3								3.1	5.7
ESE	.3	2.5	1.5	.1								4.4	8.0
SE		.2	1.3	.1								1.6	7.4
SSE		.1	2.4	.8								3.3	5.7
S		3.7	7.7	4.6	1.1	.1						10.3	13.7
SSW		1.1	4.4	4.6	.5	.3						12.5	11.7
SW	.7	2.6	2.4	1.5		.1						6.9	8.5
WSW	.1	1.7	.8	.5								2.6	7.7
W	.1	2.7	1.7				.1					4.7	7.3
WNW	.1	2.2	2.0	2.4	.1							6.7	9.7
NW		1.7	2.4	2.8	.4							7.1	10.7
NNW	.1	.7	3.1	4.0	.7							8.6	11.1
VARBL													
CALM													
	1.5	26.5	37.9	26.2	4.3	.5	.1					171.3	7.0

TOTAL NUMBER OF OBSERVATIONS

744

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47  
STATION

KANSAS CITY INTL AD  
STATION NAME

7-51  
YEARS

YEARS

51  
NORTH

NORTH

ALL WEATHER  
CLASS

51  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	1.6	0.3	1.5	.1						.1	12.7
NNE		.7	1.1	.9	.5							.7	11.0
NE		.0	1.2	.5								.0	7.0
ENE		.0	1.3	.1	.1							.0	7.7
E		1.5	1.6	.4								.0	7.0
ESE		1.7	3.2	.7								.6	7.7
SE	.4	1.5	.8	.4								.1	6.0
SSE		1.5	3.7	.9								.5	7.0
S	.1	2.3	5.6	1.1	1.3	.1						1.5	12.7
SSW	.1	2.0	5.1	3.4	.3							11.4	7.0
SW		1.7	2.3	.6	.4	.1						.4	7.7
WSW		1.3	.9	.3	.3							.0	7.0
W		2.7	1.6	.5								.0	6.7
WNW		1.3	2.6	1.7	.3							.0	6.0
NW	.1	1.6	3.2	3.4	.3							.0	9.7
NNW		1.0	2.3	4.3	.5	.1						.7	11.1
VARBL													
CALM													
	.2	21.4	33.4	26.3	5.5	.5						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

744

U.S. AIR FORCE  
METEOROLOGICAL SERVICE/AFM

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 47 KANSAS CITY INTL MO STATION NAME 77-80 YEARS MONTH 01-01-80 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	2.3	3.1	1.5	.1						7.8	12.5
NNE	.1	.6	.4	.4	.5							2.5	10.1
NE		1.3	1.5	.8								3.6	8.0
ENE	.2	.1	.7	.4								1.5	5.0
E		1.1	1.9	.8								3.8	6.9
ESE		1.3	2.8	.9								5.0	5.0
SE	.3	.7	2.9	.5								4.3	5.0
SSE	.1	2.7	2.7	1.2	.3							5.6	6.0
S		7.7	5.4	5.2	.3							14.7	10.0
SSW		1.2	3.7	4.6	.7							10.2	11.1
SW		1.5	3.1	.8								5.3	5.0
WSW	.1	2.2	1.7	.4								4.4	7.0
W	.1	2.8	2.3	.9								5.7	7.0
WNW		1.7	2.7	2.2								5.6	7.1
NW		2.3	1.3	3.5	.4	.1						6.0	10.0
NNW	.1	1.7	1.6	2.8	.3							5.8	10.0
VARBL												0.4	
CALM													
	1.2	24.7	35.3	24.6	4.0	.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE  
 10-100-100  
 10-100-100

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 STATION KANSAS CITY INTL MO 72-80 YEARS MONTH 12  
 STATION NAME CLASS ALL WEATHER HOURS (L.S.T.) 1200-1200  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	1.5	1.4	1.1	.4	.7					7.4	13.3
NNE	.1	.7	.4	.9	.1	.1						2.4	10.4
NE		1.7	2.2	.9								4.3	8.1
ENE		.1	.5	.3								.3	4.1
E		.1	1.5	.9								2.7	8.1
ESE		.4	1.7	2.0								4.3	10.1
SE		.4	2.3	.5	.1							3.4	7.1
SSE		.3	2.2	2.4	.3							3.6	11.1
S		2.2	4.5	4.2	2.2	.7	.1					11.7	12.1
SSW	.1	1.2	3.7	4.3	1.2	.3						10.1	11.1
SW	.1	1.7	3.5	2.3	.2							6.1	7.1
WSW		1.2	1.7	1.2								4.3	8.1
W		1.2	2.3	1.1	.1							3.4	8.1
WNW	.1	2.3	3.8	1.9	.7	.7						8.7	7.1
NW	.1	.4	1.7	4.3	1.3							7.9	10.1
NNW		.7	3.1	3.1	1.2	.1						6.2	11.1
VARBL													
CALM												1.3	
	.1	17.1	34.0	33.7	8.6	1.5	.4					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE  
 WENTZ  
 METEOROLOGICAL SERVICE/NAO

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 STATION KANSAS CITY INTL MO 77-60 YEARS NORTH 1947-1967 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	3.2	4.4	1.2	.9						4.0	12.9
NNE			1.1	1.1	.3	.3						2.7	10.8
NE	.1	.5	1.1	.5	.4							2.7	9.0
ENE		.5	.7	.8								2.0	8.0
E		.4	.9	.8								2.0	8.0
ESE		.1	.9	1.3								2.3	10.0
SE		.1	1.3	.9	.1							2.1	10.0
SSE		.4	1.5	1.6	.1							3.6	10.3
S	.1	.4	3.2	6.1	1.7	.7						11.8	12.7
SSW		1.1	2.5	3.8	3.4	.8						11.8	14.1
SW		.8	3.6	2.6	.8	.1						6.1	10.0
WSW	.1	1.5	1.7	1.1								4.4	10.4
W	.1	2.3	2.4	1.2	.3							4.1	10.0
WNW	.1	1.2	3.2	4.4	.7	.5						10.8	11.7
NW	.1	.4	3.2	3.9	1.2	.1						8.9	12.8
NNW		1.1	2.7	4.2	.3							6.2	11.9
VARBL													
CALM												1.0	
	.8	11.3	33.1	36.8	11.0	2.6						100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 743



USAFETAC  
 0-8-5 (OL-A)  
 JUL 64

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 47 KANSAS CITY INTL MO STATION NAME 77-80 YEARS 240 NORTH  
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.0	2.7	3.6	.3	.1						7.5	11.0
NNE		.4	.5	1.2	.5							.7	12.7
NE		.0	.9	1.1								.0	15.1
ENE		.0	.2	.9		.1						.0	11.0
E		.4	1.5	.8								.7	9.3
ESE		.0	1.1	.4								.0	7.7
SE		.0	1.5	.7								.7	7.7
SSE		.7	2.6	1.1								4.2	7.4
S	.3	1.7	5.6	5.2	2.3	.1						11.0	11.0
SSW	.1	.0	3.1	3.1	1.7	.1						4.1	11.0
SW		1.6	2.3	1.7								.6	9.0
WSW	.1	1.3	1.9	1.3								4.7	9.0
W		1.0	2.9	1.7								5.0	9.0
WNW	.3	.4	1.9	3.1	.5	.1						5.9	11.0
NW		1.6	2.3	4.7	1.3	.1						4.9	12.7
NNW	.1	2.2	2.8	3.9	1.2	.1						10.3	11.1
VARBL													
CALM												4.0	
	1.1	11.3	34.5	34.7	8.5	.9						10.0	11.0

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE  
 USAFETAC  
 WEATHER SERVICE/440

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 47 STATION NAME KANSAS CITY INTL AC YEARS 73-81 MONTH ALL  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) 0000-1500  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.2	2.2	3.2	.7	.1						10.3	10.3
NNE		.4	1.5	1.2	.4							10.3	10.3
NE		.3	1.3	.5	.4							10.3	10.3
ENE		.2	1.1	.3	.1							10.3	10.3
E		1.4	1.5	.8								10.3	10.3
ESE		1.7	1.7	.7								10.3	10.3
SE	.1	2.2	1.5	.5								10.3	10.3
SSE		1.2	2.7	2.5								10.3	10.3
S	.1	2.5	6.5	5.9	1.3							10.3	10.3
SSW	.1	1.3	2.4	1.6	.4	.3						10.3	10.3
SW		1.4	.8	.7								10.3	10.3
WSW	.1	2.1	.5	.3	.3							10.3	10.3
W	.1	2.5	1.7	.8								10.3	10.3
WNW		2.3	2.7	1.2	.4							10.3	10.3
NW	.4	2.2	3.5	3.0	.9							10.3	10.3
NNW	.3	2.3	2.6	3.8	.3	.1						10.3	10.3
VARBL													
CALM												4.0	
	1.3	27.7	33.7	26.1	5.8	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE  
METEOROLOGICAL BRANCH  
U.S. AIR FORCE  
METEOROLOGICAL SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 147 KANSAS CITY INTL MO STATION NAME 77-80 YEARS 1950-1951 MONTH 11-1951  
CLASS ALL WEATHER  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.7	2.2	4.2	.8							4.8	11.7
NNE		.9	1.1	1.2		.1						3.5	10.7
NE		.4	1.2	.8	.3							2.7	10.6
ENE		.2	.3	.3								1.2	7.8
E		1.6	2.7	.5	.1							4.3	8.7
ESE	.7	1.1	2.3	.4								4.8	7.7
SE		1.5	1.7	.1								3.6	6.9
SSE		.9	4.2	1.3	.3							6.7	9.3
S	.3	1.6	6.3	5.6	1.2	.1						18.2	15.7
SSW		.7	3.1	3.1	.7	.3						7.8	11.7
SW		2.4	1.3	1.6	.3							5.6	9.1
WSW	.1	2.2	.5	.3								3.1	8.7
W	.1	1.7	2.0	.4								4.4	7.7
WNW	.4	1.2	2.7	1.5	.3							6.4	9.2
NW	.7	2.7	3.4	3.5	.0							13.6	9.9
NNW	.1	1.3	2.2	3.5	1.3							8.5	11.2
VARBL													
CALM												4.0	
	2.2	22.2	36.6	26.4	6.2	.5						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE CLIMATE BRANCH  
 AFM 7-10  
 WEATHER SERVICE AREA

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 147 KANSAS CITY INTL MO STATION NAME 77-KJ YEARS 1950  
 CLASS ALL WEATHER NORTH  
 CONDITION ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	2.2	3.5	1.3	.7	.6					5.3	11.7
NNE	.1	.6	.9	1.7	.4	.1						2.9	11.1
NE	.0	.7	1.3	.7	.1							2.9	7.5
ENE	.1	.7	.8	.4	.1	.7						1.9	5.8
E	.0	1.1	1.7	.7	.7							3.8	8.7
ESE	.1	1.3	1.9	.8								4.1	8.1
SE	.1	1.7	1.7	.5	.0							3.3	7.0
SSE	.0	1.1	2.6	1.4	.1							5.2	7.7
S	.1	2.0	5.6	5.4	1.6	.1	.7					14.8	11.5
SSW	.1	1.3	3.4	3.5	1.1	.7						9.7	11.5
SW	.1	1.7	2.4	1.5	.2	.1						6.1	9.1
WSW	.1	1.7	1.2	.7	.1							3.8	7.8
W	.1	2.7	2.2	.8	.1		.6					5.4	7.7
WNW	.1	1.5	2.5	2.3	.4	.1						7.2	9.4
NW	.2	1.5	2.8	3.6	.9	.1						9.3	10.5
NNW	.1	1.4	2.5	3.7	.9	.1						8.6	11.1
VARBL													
CALM												5.7	
	1.2	21.4	35.8	39.5	6.8	.9	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 1951

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 KANSAS CITY INTL MO 17-81

STATION MONTH

ALL WEATHER CLASS

CONDITION

ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	2.5	2.3	.4	.1	.0					3.8	10.0
NNE	.1	1.1	1.4	1.0	.0	.0						1.8	9.1
NE	.1	1.1	1.6	.9	.1	.0						2.8	8.7
ENE	.1	.0	1.2	.7	.1	.0						2.8	8.6
E	.1	1.7	2.4	1.5	.1	.0						1.9	8.3
ESE	.1	1.3	2.4	1.3	.1	.0						5.7	8.0
SE	.1	2.0	2.4	1.2	.1	.0						1.7	8.3
SSE	.1	2.0	3.1	1.7	.2	.0						7.2	8.0
S	.2	3.1	4.3	4.2	1.3	.7	.0					17.4	10.0
SSW	.1	1.7	2.9	2.9	.7	.2	.0					4.5	10.0
SW	.1	1.4	1.8	1.2	.2	.0						4.9	9.1
WSW	.1	1.4	1.2	.5	.1	.0						2.3	7.8
W	.2	1.0	1.6	.8	.1	.1	.0	.0				4.0	8.1
WNW	.1	1.5	1.6	1.4	.3	.1	.0	.0				2.0	7.0
NW	.1	1.2	4.0	2.1	.5	.1	.0					2.9	10.4
NNW	.1	1.1	1.7	1.7	.4	.1	.0					3.1	10.3
VARBL													
CALM												3.4	
	2.0	25.3	34.0	27.4	4.9	.9	.1	.0				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 7111

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION 47 KANSAS CITY INTL MO 73-81 ALL MONTH ALL HOURS (L.S.T.)

INSTRUMENT CLASS  
CIG 200 FT 1400 FT W/ VSBY 1/2 MI OR MORE,  
CONDITION  
AND/OR VSBY 1/2 TO 2-1/2 MI A/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.5	4.2	5.5	1.1	.1	.1					1.5	11.4
NNE	.0	.7	2.1	2.7	.8	.1						.8	11.5
NE	.0	1.4	2.6	2.2	.4							.8	12.7
ENE	.1	.2	2.1	1.8	.2							.3	12.1
E	.0	1.4	3.4	4.0	.5	.1						.5	13.7
ESE	.1	1.4	2.2	1.9	.2	.0						.7	9.4
SE	.1	1.2	2.1	1.3	.2	.0						.4	9.4
SSE	.0	.9	2.2	1.2	.2							.5	9.4
S	.1	1.2	2.7	2.5	.5	.1	.0					7.0	13.4
SSW	.1	.7	1.2	1.0	.2	.1						3.2	9.7
SW	.1	.3	.9	.7	.1							.6	8.0
WSW	.1	.2	.7	.5	.2							.0	8.7
W	.1	1.0	1.1	.9	.3	.1	.0					.5	9.7
WNW	.1	1.0	2.0	1.6	.4	.1	.0					.1	13.6
NW	.1	.9	2.6	3.4	1.2	.1						.2	11.7
NNW	.1	.9	2.9	4.0	1.3	.2	.0					.4	11.5
VARBL													
CALM												2.0	
	1.3	16.6	56.0	35.1	7.4	1.0	.1					100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 7497

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

		VISIBILITY (STATUTE MILES)															
CEILING (FEET)		$\geq 10$	$\geq 6$	$\geq 5$	$\geq 4$	$\geq 3$	$\geq 2\frac{1}{2}$	$\geq 2$	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	$\geq 1$	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq 0$	
NO CEILING																	
1800	V																
1500	V																
1200	V																
1000	V																
900	V																
800	V																
700	V																
600	V																
500	V																
400	V																
300	V																
200	V																
100	V																
0	V																

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq 0$ .  
For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
Ceiling  $\geq 500$  feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:  
Visibility  $\geq 3$  miles = 95.4%.  
Visibility  $\geq 2$  miles = 96.9%.  
Visibility  $\geq 1$  mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  miles = 91.0%.



#### ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.  
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq 500$  feet with visibility  $\geq 1$  mile, but < 3 miles; or ceiling  $\geq 500$  feet, but < 1500 feet with visibility  $\geq 1$  mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

47 KANSAS CITY INTL MO

74-81

JA

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1000-6200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING ≥ 20000	54.7	55.5	56.5	57.5	57.5	57.5	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000 ≥ 17000	57.1	57.9	59.3	60.1	60.1	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 16000 ≥ 15000	57.1	57.9	59.7	60.1	60.1	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 14000 ≥ 13000	57.3	58.1	59.1	60.2	60.2	60.2	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 12000 ≥ 11000	58.9	59.8	60.9	62.0	62.0	62.0	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 10000 ≥ 9000	60.6	61.7	62.8	63.8	63.8	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 8000 ≥ 7000	61.7	62.9	64.1	65.2	65.2	65.2	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 6000 ≥ 5000	62.2	63.4	64.5	65.7	65.7	65.7	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 4500 ≥ 4000	63.8	65.3	66.4	67.6	67.6	67.6	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 3500 ≥ 3000	65.3	66.8	67.9	69.1	69.1	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 2500 ≥ 2000	66.4	68.1	69.1	70.3	70.3	70.3	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 1800 ≥ 1600	67.6	69.5	70.6	72.0	72.0	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 1400 ≥ 1200	68.8	70.7	71.8	73.4	73.4	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 1000 ≥ 900	69.1	71.2	72.3	73.9	73.9	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 800 ≥ 700	69.9	72.4	73.7	75.3	75.3	75.3	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 600 ≥ 500	70.7	73.8	75.3	76.6	76.6	76.6	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 400 ≥ 300	71.6	75.3	76.5	78.1	78.1	78.1	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 200 ≥ 100	72.6	76.2	77.4	79.2	79.2	79.2	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 100 ≥ 50	73.9	78.1	79.3	81.0	81.0	81.0	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 50 ≥ 20	74.6	79.8	81.7	82.8	82.9	82.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 10 ≥ 5	75.7	81.6	82.8	84.7	84.9	84.9	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 5 ≥ 2	75.8	81.9	83.7	85.6	85.9	85.9	87.1	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2 ≥ 1	75.9	82.0	83.9	85.8	86.0	86.0	87.8	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1 ≥ 0	75.9	82.5	84.7	86.7	87.1	87.2	89.2	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 0	76.1	82.7	84.8	87.1	87.6	88.0	90.2	90.5	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 0	76.2	82.8	85.5	88.0	89.0	89.7	92.2	92.6	92.6	93.5	93.7	93.7	94.0	94.0	94.0	94.0
≥ 0	76.2	82.8	85.6	88.2	89.4	90.2	92.7	93.4	93.4	94.5	94.8	94.8	95.6	95.6	95.6	95.6
≥ 0	76.2	82.8	85.8	88.3	89.5	90.3	93.0	93.7	93.7	95.8	96.1	96.1	97.8	97.8	97.8	97.8
≥ 0	76.2	82.8	85.8	88.3	89.5	90.3	93.0	93.7	93.7	95.8	96.1	96.1	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION

KANSAS CITY INTL MO

74-81

JA

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

3300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	52.8	54.4	54.8	55.5	56.0	56.2	56.3	56.5	56.5	56.6	56.6	56.6	56.6	56.7	56.7	56.7
≥ 20000	54.2	56.0	56.5	57.1	57.7	57.8	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3
≥ 18000	54.3	56.2	56.6	57.3	57.8	57.9	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.5	58.5	58.5
≥ 16000	54.3	56.2	56.6	57.3	57.8	57.9	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.5	58.5	58.5
≥ 14000	55.5	57.4	57.8	58.5	59.0	59.1	59.3	59.4	59.4	59.4	59.5	59.5	59.5	59.7	59.7	59.7
≥ 12000	55.7	58.1	58.5	59.1	59.7	59.8	59.9	60.1	60.1	60.2	60.2	60.2	60.2	60.3	60.3	60.3
≥ 10000	59.1	61.6	62.0	62.6	63.2	63.3	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.8	63.8	63.8
≥ 8000	60.8	63.2	63.6	64.2	64.8	64.9	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.5	65.5	65.5
≥ 6000	61.2	64.2	64.7	65.3	65.9	66.0	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.5	66.5	66.5
≥ 4000	62.3	65.3	65.7	66.4	66.9	67.1	67.2	67.3	67.3	67.5	67.5	67.5	67.5	67.6	67.6	67.6
≥ 3000	63.8	66.5	67.1	68.0	68.5	68.7	68.8	69.0	69.0	69.1	69.1	69.1	69.1	69.2	69.2	69.2
≥ 2500	64.9	67.7	68.4	69.4	70.0	70.2	70.3	70.4	70.4	70.6	70.6	70.6	70.6	70.7	70.7	70.7
≥ 2000	65.5	68.3	69.0	69.9	70.7	70.8	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.4	71.4	71.4
≥ 1800	66.4	69.2	69.9	70.8	71.6	71.8	71.9	72.0	72.0	72.2	72.2	72.2	72.2	72.3	72.3	72.3
≥ 1600	67.5	70.6	71.2	72.2	73.0	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.7	73.7	73.7
≥ 1400	68.5	71.8	72.4	73.4	74.2	74.3	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.9	74.9	74.9
≥ 1200	70.2	73.9	75.0	75.9	76.7	76.9	77.0	77.2	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4
≥ 1000	72.3	76.1	77.3	78.5	79.3	79.4	79.6	79.7	79.7	79.8	79.8	79.8	79.8	80.0	80.0	80.0
≥ 900	72.7	76.5	77.8	79.2	80.0	80.1	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.9	80.9	80.9
≥ 800	73.7	77.8	79.2	80.6	81.5	81.6	81.9	82.1	82.1	82.3	82.3	82.3	82.3	82.5	82.5	82.5
≥ 700	74.2	78.9	80.6	82.4	83.2	83.3	83.6	84.1	84.1	84.3	84.3	84.3	84.3	84.5	84.5	84.5
≥ 600	74.7	80.2	82.0	83.9	84.7	84.8	85.3	86.0	86.0	86.2	86.2	86.2	86.2	86.4	86.4	86.4
≥ 500	75.1	81.3	83.1	84.9	85.8	85.9	86.4	87.1	87.1	87.4	87.4	87.4	87.4	87.6	87.6	87.6
≥ 400	75.1	81.9	83.6	85.6	86.4	86.6	87.2	88.0	88.0	88.3	88.3	88.3	88.3	88.6	88.6	88.6
≥ 300	75.8	82.8	84.7	86.7	87.5	88.2	89.2	90.1	90.1	90.5	90.6	90.6	90.6	90.9	90.9	90.9
≥ 200	75.8	82.8	84.8	86.8	87.6	88.3	89.4	90.2	90.2	90.6	90.7	90.7	90.7	91.0	91.0	91.0
≥ 100	75.9	83.1	85.1	87.2	88.0	88.8	90.3	91.3	91.3	91.8	92.1	92.1	92.1	92.3	92.3	92.3
≥ 0	75.9	83.1	85.2	87.5	88.3	89.1	90.6	91.5	91.5	92.3	92.6	92.6	92.6	92.9	92.9	92.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7747

KANSAS CITY INTL MO

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1600-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	46.2	48.8	49.6	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.8	50.8	50.8
≥ 2000	47.7	50.7	51.5	51.9	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.7	52.7	52.7
≥ 1800	48.3	51.2	52.0	52.4	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2	53.2	53.2
≥ 1600	48.3	51.2	52.0	52.4	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2	53.2	53.2
≥ 1400	49.5	52.6	53.4	53.8	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.6	54.6	54.6
≥ 1200	50.5	53.9	54.8	55.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.0
≥ 1000	53.1	56.5	57.4	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.6	58.6	58.6
≥ 900	54.3	58.5	59.4	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.6	60.6	60.6
≥ 800	55.9	59.5	60.5	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.7	61.7	61.7
≥ 700	58.1	62.0	62.9	63.7	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.7	64.7	64.7
≥ 600	59.4	63.6	64.5	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.3	66.3	66.3
≥ 500	60.3	64.5	65.5	66.3	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.2	67.2	67.2
≥ 450	60.8	65.1	66.0	66.8	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.7	67.7	67.7
≥ 400	61.7	66.3	67.2	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.0	69.0	69.0
≥ 350	62.9	67.7	68.7	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4
≥ 300	63.6	68.4	69.4	70.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.1	71.1	71.1
≥ 250	65.2	70.4	71.4	72.2	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4	73.4	73.4
≥ 200	66.3	71.9	73.1	74.1	74.9	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.7	75.7	75.7
≥ 180	66.9	72.7	73.9	75.0	75.8	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.6	76.6	76.6
≥ 150	68.3	74.6	75.9	77.3	78.1	78.5	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.3	79.3	79.3
≥ 120	69.2	76.2	77.6	79.4	80.2	80.8	81.6	81.6	81.6	81.9	81.9	81.9	81.9	82.1	82.1	82.1
≥ 100	70.3	77.8	79.3	81.5	82.5	83.1	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.4	84.4	84.4
≥ 90	70.7	78.5	80.2	82.4	83.6	84.1	84.9	85.1	85.1	85.3	85.3	85.3	85.3	85.6	85.6	85.6
≥ 80	70.7	79.0	80.8	83.1	84.4	85.2	86.2	86.3	86.4	86.7	86.7	86.7	86.7	87.0	87.0	87.0
≥ 70	70.8	79.6	81.3	84.1	85.6	86.6	87.9	88.0	88.2	88.4	88.6	88.6	88.6	89.0	89.0	89.0
≥ 60	70.8	79.7	81.6	84.4	85.9	86.8	88.4	88.6	88.7	89.1	89.2	89.2	89.2	89.7	89.7	89.7
≥ 50	70.8	79.7	82.0	85.1	86.7	87.8	89.4	89.5	89.8	90.2	90.3	90.3	90.3	90.7	90.7	90.7
≥ 40	70.8	80.0	82.3	85.3	87.1	88.2	90.2	90.3	90.6	91.0	91.4	91.4	91.4	91.9	91.9	91.9
≥ 30	71.0	80.2	82.7	85.8	87.8	88.8	91.4	91.9	92.2	93.1	93.5	93.5	93.5	94.4	94.4	94.4
≥ 20	71.1	80.4	82.8	85.9	87.9	89.0	91.7	92.5	92.7	93.8	94.2	94.4	94.4	95.7	95.8	95.8
≥ 10	71.1	80.4	82.8	85.9	88.2	89.2	91.9	92.7	93.0	94.2	94.8	94.9	94.9	96.4	96.5	96.5
≥ 0	71.1	80.4	82.8	85.9	88.2	89.2	91.9	92.7	93.0	94.5	95.0	95.2	95.2	96.6	96.8	97.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

3047

KANSAS CITY INTL MO

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	39.1	44.1	45.9	46.7	47.4	47.4	47.5	47.5	47.5	47.6	47.8	47.8	47.8	47.8	47.8	47.9
≥ 18000	44.5	50.3	52.1	53.0	53.7	53.7	53.8	53.8	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.2
≥ 16000	44.9	50.6	52.4	53.3	54.0	54.0	54.1	54.1	54.1	54.2	54.4	54.4	54.4	54.4	54.4	54.5
≥ 14000	44.3	50.6	52.4	53.3	54.0	54.0	54.1	54.1	54.1	54.2	54.4	54.4	54.4	54.4	54.4	54.5
≥ 12000	45.6	51.4	53.2	54.1	54.8	54.8	54.9	54.9	54.9	55.0	55.2	55.2	55.2	55.2	55.2	55.3
≥ 10000	45.6	52.5	54.4	55.3	56.0	56.0	56.1	56.1	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.5
≥ 8000	48.3	54.8	56.7	57.6	58.4	58.4	58.5	58.5	58.5	58.7	58.8	58.8	58.8	58.8	58.9	59.0
≥ 6000	48.7	55.5	57.5	58.5	59.4	59.4	59.5	59.5	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.9
≥ 4000	50.2	57.2	59.4	60.4	61.2	61.2	61.4	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6
≥ 3000	51.4	58.5	60.8	61.9	63.0	63.0	63.1	63.3	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.7
≥ 2000	52.4	59.5	61.8	63.0	64.1	64.1	64.2	64.3	64.3	64.5	64.6	64.6	64.6	64.6	64.6	64.7
≥ 1500	53.2	60.4	63.0	64.2	65.3	65.3	65.4	65.5	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.9
≥ 1000	53.8	61.4	64.1	65.3	66.4	66.4	66.5	66.6	66.6	66.8	66.9	66.9	66.9	66.9	66.9	67.1
≥ 800	54.4	62.2	64.9	66.2	67.4	67.4	67.7	67.8	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.2
≥ 600	54.6	62.6	65.3	66.6	67.8	67.8	68.1	68.2	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.6
≥ 400	55.6	64.2	67.0	68.4	69.9	69.9	70.1	70.3	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.7
≥ 2500	56.5	65.5	68.4	69.7	71.5	71.6	72.3	72.5	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.9
≥ 2000	57.3	66.6	69.7	71.2	73.1	73.4	74.2	74.4	74.4	74.7	74.8	74.8	75.0	75.0	75.0	75.1
≥ 1800	57.7	67.7	70.9	72.4	74.4	74.7	75.8	76.0	76.0	76.3	76.4	76.4	76.6	76.6	76.6	76.7
≥ 1500	58.7	69.7	73.2	74.8	77.1	77.4	78.7	79.0	79.0	79.3	79.4	79.4	79.5	79.5	79.5	79.7
≥ 1200	59.5	71.3	74.8	76.6	79.1	79.5	81.2	81.4	81.4	81.7	81.8	81.8	82.0	82.0	82.0	82.1
≥ 1000	59.5	71.7	75.2	77.5	80.3	80.8	82.8	83.2	83.2	83.4	83.6	83.6	83.8	83.6	83.8	84.0
≥ 900	59.6	71.9	75.6	78.2	81.0	81.4	83.6	84.1	84.1	84.4	84.5	84.5	84.8	84.8	84.8	84.9
≥ 800	59.8	72.1	76.0	78.7	82.5	83.0	85.2	85.7	85.7	86.3	86.4	86.4	86.7	86.7	86.7	86.8
≥ 700	59.8	72.1	76.2	79.0	82.9	83.6	85.7	86.3	86.3	86.8	87.2	87.2	87.5	87.5	87.5	87.6
≥ 600	59.9	72.4	76.4	79.5	83.4	84.1	86.3	87.1	87.1	87.6	88.0	88.0	88.4	88.4	88.4	88.6
≥ 500	60.0	72.7	76.7	80.1	84.3	84.9	87.3	88.3	88.3	89.0	89.4	89.4	89.9	89.9	89.9	90.0
≥ 400	60.0	72.9	77.0	80.3	84.5	85.2	88.6	89.9	89.9	91.0	91.4	91.4	92.2	92.2	92.2	92.3
≥ 300	60.0	72.9	77.1	80.5	84.7	85.5	89.0	91.0	91.0	92.6	93.3	93.3	95.2	95.2	95.3	95.6
≥ 200	60.0	72.9	77.1	80.5	84.7	85.5	89.0	91.3	91.3	93.0	94.1	94.1	96.6	96.9	97.6	98.1
≥ 100	60.0	72.9	77.1	80.5	84.7	85.5	89.0	91.3	91.3	93.0	94.1	94.1	96.8	97.0	97.7	98.6
≥ 0	60.0	72.9	77.1	80.5	84.7	85.5	89.0	91.3	91.3	93.0	94.1	94.1	96.8	97.0	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7447

KANSAS CITY INTL MO

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	43.5	45.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 2000	49.2	54.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 1800	49.2	54.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 1600	49.3	55.0	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 1400	50.4	56.0	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 1200	51.6	57.7	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 1000	53.6	60.2	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 900	54.4	61.2	62.4	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 800	56.2	62.9	64.4	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 700	56.7	63.6	65.1	65.3	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 600	57.1	64.0	65.5	65.7	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 500	57.5	64.4	66.0	66.3	66.8	66.9	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.3	67.3	67.3
≥ 450	58.3	65.2	66.8	67.1	67.6	67.7	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.1	68.1
≥ 400	58.9	65.7	67.3	67.9	68.4	68.5	68.7	68.7	68.7	68.7	68.8	68.8	68.8	69.0	69.0	69.0
≥ 350	59.0	66.0	67.6	68.1	68.8	69.0	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.4	69.4	69.4
≥ 300	59.4	67.5	69.2	70.0	70.8	71.0	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.4	71.4	71.4
≥ 250	61.3	69.6	72.3	73.1	74.2	74.3	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.7
≥ 200	62.2	70.7	73.4	74.5	75.5	75.7	75.9	76.2	76.2	76.2	76.3	76.3	76.3	76.5	76.5	76.5
≥ 180	62.6	71.5	74.2	75.4	76.6	76.7	77.0	77.3	77.3	77.4	77.4	77.4	77.4	77.6	77.6	77.6
≥ 150	63.3	73.4	76.2	77.8	79.3	79.4	79.8	80.1	80.1	80.2	80.2	80.2	80.2	80.4	80.4	80.4
≥ 120	64.1	75.1	78.4	80.5	82.3	82.4	83.2	83.5	83.5	83.6	83.6	83.6	83.6	83.7	83.7	83.7
≥ 100	64.4	76.3	79.7	82.0	83.9	84.0	85.2	85.6	85.6	85.9	85.9	85.9	85.9	86.0	86.0	86.0
≥ 90	64.4	76.9	80.4	83.3	85.5	85.6	87.0	87.5	87.5	87.5	87.8	87.8	87.8	87.9	87.9	87.9
≥ 80	64.7	77.4	80.9	83.9	86.2	86.3	87.6	88.2	88.2	88.2	88.6	88.6	88.6	88.7	88.7	88.7
≥ 70	64.7	77.4	81.0	84.0	86.4	86.7	88.0	88.6	88.6	88.6	89.0	89.0	89.0	89.1	89.1	89.1
≥ 60	64.8	77.8	81.5	84.5	87.2	87.5	88.8	89.5	89.5	89.5	90.2	90.6	90.6	90.7	90.7	90.7
≥ 50	64.9	78.0	81.6	84.8	87.9	88.2	89.7	90.7	90.7	90.7	91.7	92.1	92.1	92.2	92.2	92.2
≥ 40	64.9	78.1	81.7	85.1	88.7	89.0	91.4	92.6	92.6	92.6	93.8	94.5	94.5	94.6	94.6	94.9
≥ 30	64.9	78.1	81.7	85.1	88.7	89.0	91.7	93.1	93.1	93.1	95.2	96.2	96.2	96.9	96.9	97.4
≥ 20	64.9	78.1	81.7	85.1	88.7	89.0	91.7	93.1	93.1	93.1	95.2	96.4	96.4	97.4	97.4	98.0
≥ 10	64.9	78.1	81.7	85.1	88.8	89.1	91.8	93.3	93.3	93.3	95.3	96.5	96.5	97.6	97.6	98.4
≥ 0	64.9	78.1	81.7	85.1	88.8	89.1	91.8	93.3	93.3	93.3	95.3	96.5	96.5	97.6	97.6	98.5

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3947

KANSAS CITY INTL MO

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥¼	≥⅓	≥0
NO CEILING ≥ 2000	44.3	47.7	48.1	48.3	48.3	49.3	48.4	48.4	48.4	46.4	48.4	48.4	48.4	48.4	48.4	48.5
≥ 1800	50.0	55.2	55.6	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0
≥ 1600	50.4	55.6	56.0	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5
≥ 1400	52.1	57.4	57.8	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2
≥ 1200	54.6	60.1	60.5	60.6	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0
≥ 1000	57.4	63.3	63.7	63.8	64.0	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.4
≥ 900	58.5	64.4	64.8	64.9	65.1	65.2	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.6
≥ 800	59.5	65.5	65.9	66.1	66.1	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.7
≥ 700	60.3	66.4	66.9	67.2	67.3	67.5	67.6	67.6	67.6	67.6	68.0	68.0	68.0	68.0	68.0	68.1
≥ 600	61.2	67.6	68.1	68.7	68.8	69.0	69.1	69.1	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.6
≥ 500	61.8	68.3	68.8	69.5	69.6	69.9	70.0	70.0	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.6
≥ 450	62.1	68.7	69.2	69.9	70.0	70.3	70.4	70.4	70.4	70.8	70.8	70.8	70.8	70.8	70.8	71.0
≥ 400	62.9	69.6	70.2	71.2	71.6	71.9	72.0	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.6
≥ 350	63.0	70.3	71.0	72.0	72.6	72.8	73.0	73.0	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.5
≥ 300	64.4	72.0	73.1	74.3	75.0	75.3	75.4	75.4	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.9
≥ 250	65.2	73.8	75.1	76.3	77.3	77.6	77.7	77.7	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.4
≥ 200	65.9	74.7	76.2	78.0	79.0	79.3	79.4	79.6	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 180	66.3	75.9	77.6	79.3	80.4	80.8	80.9	81.0	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.7
≥ 150	67.3	77.6	79.3	81.3	82.4	82.9	83.2	83.5	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 120	68.4	80.4	82.3	84.7	86.0	86.8	87.4	87.6	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 100	69.7	81.2	83.3	86.2	87.8	88.6	89.1	89.4	89.4	90.2	90.2	90.2	90.2	90.2	90.2	90.3
≥ 90	68.8	81.3	83.6	86.6	88.2	89.0	89.7	89.9	89.9	90.7	90.7	90.7	90.7	90.9	90.9	91.0
≥ 80	68.8	81.3	83.6	86.7	88.4	89.2	90.2	90.5	90.5	91.3	91.4	91.4	91.4	91.5	91.5	91.7
≥ 70	68.8	81.6	83.9	87.0	89.0	89.8	90.9	91.3	91.3	92.1	92.2	92.2	92.2	92.5	92.5	92.6
≥ 60	68.8	81.6	84.0	87.2	89.8	90.7	92.3	93.1	93.1	94.1	94.2	94.2	94.2	94.5	94.5	94.6
≥ 50	68.8	81.6	84.0	87.2	89.8	90.7	92.5	93.4	93.4	94.4	94.5	94.5	94.5	94.8	94.8	94.9
≥ 40	63.8	81.6	84.0	87.6	90.3	91.3	93.3	94.5	94.5	95.8	96.4	96.4	96.4	96.8	96.8	97.0
≥ 30	69.8	81.6	84.0	87.6	90.5	91.4	93.7	94.9	95.0	97.0	97.6	97.6	98.0	98.0	98.1	98.3
≥ 20	68.8	81.6	84.0	87.6	90.5	91.4	93.7	94.9	95.0	97.4	98.3	98.3	98.3	98.7	98.9	99.3
≥ 10	68.8	81.6	84.0	87.6	90.5	91.4	93.7	94.9	95.0	97.4	98.3	98.3	98.3	98.7	98.9	99.9
≥ 0	68.8	81.6	84.0	87.6	90.5	91.4	93.7	94.9	95.0	97.4	98.3	98.3	98.3	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

3547

KANSAS CITY INTL MO

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1980-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	53.3	52.7	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
≥ 25000	54.8	57.1	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000	55.2	57.5	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3
≥ 15000	55.2	57.5	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3
≥ 14000	56.7	59.3	59.5	59.9	59.9	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 12000	58.9	61.6	62.0	62.4	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 10000	61.2	63.8	64.2	64.7	64.7	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 9000	62.5	65.2	65.6	66.0	66.0	66.0	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	63.4	66.1	66.5	66.9	66.9	66.9	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 7000	65.2	68.0	68.5	69.0	69.0	69.0	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	66.4	69.4	69.9	70.3	70.3	70.3	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 5000	66.9	70.0	70.6	71.1	71.1	71.1	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4500	67.3	70.7	71.2	72.0	72.0	72.0	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4000	67.9	71.2	72.0	72.8	72.8	72.8	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3500	69.5	72.4	73.3	74.1	74.1	74.1	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3000	69.6	72.8	74.6	75.5	75.7	75.7	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2500	71.0	75.4	76.5	77.4	77.6	77.6	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2000	72.7	77.3	78.8	79.8	80.0	80.0	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1800	73.4	78.4	79.8	81.0	81.2	81.2	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1500	74.5	80.4	82.0	83.2	83.3	83.5	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1200	75.7	82.4	84.1	85.5	85.9	86.0	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1000	76.2	83.3	85.1	86.4	86.8	87.1	87.9	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 900	76.2	83.6	85.6	87.1	87.8	88.0	88.8	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	76.2	83.7	86.2	87.6	88.7	89.0	89.9	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700	76.5	84.3	86.8	88.4	89.9	90.2	91.3	91.8	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 600	76.5	84.4	87.1	88.7	90.5	90.7	92.1	92.6	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 500	76.5	84.5	87.4	89.0	90.9	91.3	92.7	93.5	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 400	76.6	84.9	87.8	89.4	91.5	91.9	94.0	94.9	95.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4
≥ 300	76.6	84.9	87.8	89.5	91.7	92.1	94.4	95.6	95.7	97.0	97.3	97.3	97.4	97.4	97.4	97.6
≥ 200	76.6	84.9	87.8	89.5	91.7	92.1	94.4	95.6	95.7	97.2	97.4	97.4	98.0	98.1	98.5	98.7
≥ 100	76.6	84.9	87.8	89.5	91.7	92.1	94.4	95.6	95.7	97.3	97.7	97.7	98.3	98.4	98.8	98.9
≥ 0	76.6	84.9	87.8	89.5	91.7	92.1	94.4	95.6	95.7	97.3	97.7	97.7	98.3	98.4	98.8	99.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

19947

KANSAS CITY INTL MO

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	54.2	55.9	56.3	57.4	57.5	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 18000	55.3	57.5	57.9	59.0	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 16000	56.2	57.9	58.3	59.4	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 14000	57.2	58.7	59.1	60.2	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 12000	57.9	59.9	60.3	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 10000	60.5	62.5	62.9	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	61.8	64.1	64.5	65.6	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000	63.0	65.3	65.7	66.8	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 7000	64.3	67.2	67.6	68.7	68.8	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	66.9	69.5	69.9	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 5000	67.7	70.6	71.0	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4500	69.8	72.0	72.4	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 4000	72.0	73.7	74.1	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	70.2	73.8	74.2	75.4	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3000	71.4	75.3	75.7	76.9	77.0	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2500	72.4	77.3	77.7	79.0	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2000	73.9	78.9	79.3	80.9	81.0	81.0	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800	74.9	80.4	80.8	82.4	82.5	82.5	82.5	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1500	75.7	81.7	82.1	83.9	84.0	84.0	84.0	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1200	76.1	83.1	83.6	85.5	85.6	85.6	85.6	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1000	76.7	84.0	84.5	86.6	86.7	86.7	86.7	87.4	87.5	87.5	88.0	88.0	88.0	88.0	88.0	88.0
≥ 900	76.7	84.1	84.8	86.8	87.0	87.0	87.9	88.0	88.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 800	77.0	84.5	85.5	87.8	87.9	87.9	89.0	89.5	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700	77.0	84.9	86.3	89.1	89.4	89.4	90.5	91.0	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 600	77.0	84.9	86.7	89.7	89.9	89.9	91.3	91.8	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	77.0	85.1	86.8	89.8	90.1	90.2	91.8	92.6	92.6	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 400	77.0	85.1	86.8	89.9	90.5	90.7	92.7	93.8	93.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 300	77.0	85.1	86.8	90.1	91.0	91.3	93.4	94.9	95.0	96.4	96.5	96.5	96.5	96.6	96.6	96.8
≥ 200	77.0	85.1	86.8	90.1	91.0	91.3	93.5	95.0	95.3	97.2	97.4	97.4	97.7	97.7	97.8	98.3
≥ 100	77.0	85.1	86.8	90.1	91.0	91.3	93.5	95.0	95.3	97.2	97.7	97.7	98.0	98.0	98.3	98.8
≥ 0	77.0	85.1	86.8	90.1	91.0	91.3	93.5	95.0	95.3	97.2	97.7	97.7	98.0	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATL WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

747

KANSAS CITY INTL MO

74-81

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PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	48.2	50.9	51.7	52.3	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.8	52.8	52.8	52.8
≥ 18000 ≥ 16000	51.7	55.0	55.8	56.4	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
≥ 14000 ≥ 12000	51.9	55.2	56.0	56.6	56.8	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1
≥ 10000 ≥ 8000	52.0	55.3	56.0	56.7	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2
≥ 6000 ≥ 4000	53.0	56.4	57.2	57.8	58.0	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3
≥ 3000 ≥ 2000	54.4	57.9	58.8	59.4	59.7	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.0
≥ 1500 ≥ 1000	56.7	60.5	61.4	62.0	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6
≥ 800 ≥ 600	57.9	61.9	62.7	63.4	63.7	63.7	63.8	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0
≥ 400 ≥ 300	59.0	63.0	63.9	64.6	64.9	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.3
≥ 200 ≥ 100	60.4	64.5	65.5	66.2	66.6	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1
≥ 80 ≥ 60	61.6	65.9	66.8	67.6	68.0	68.1	68.2	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5
≥ 40 ≥ 30	62.4	66.7	67.8	68.6	69.0	69.1	69.2	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.6
≥ 20 ≥ 10	63.0	67.6	68.7	69.6	70.0	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.5
≥ 5 ≥ 3	63.9	68.6	69.7	70.7	71.2	71.2	71.4	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7
≥ 2 ≥ 1	64.4	69.3	70.4	71.5	72.0	72.1	72.2	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5
≥ 1/2 ≥ 1/4	65.3	70.7	71.9	73.0	73.6	73.7	73.9	73.9	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.2
≥ 1/8 ≥ 1/16	66.6	72.5	73.9	75.0	75.8	75.8	76.1	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.5
≥ 1/32 ≥ 1/64	67.8	73.9	75.5	76.9	77.6	77.8	78.1	78.2	78.2	78.4	78.4	78.4	78.5	78.5	78.5	78.6
≥ 1/128 ≥ 1/256	68.4	74.9	76.6	78.0	78.8	78.9	79.3	79.4	79.4	79.6	79.6	79.6	79.7	79.7	79.7	79.8
≥ 1/512 ≥ 1/1024	69.5	76.7	78.4	80.0	80.8	81.0	81.5	81.7	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.1
≥ 1/2048 ≥ 1/4096	70.2	78.4	80.3	82.2	83.2	83.4	84.2	84.4	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.8
≥ 1/8192 ≥ 1/16384	70.8	79.5	81.5	83.6	84.7	85.0	86.0	86.3	86.3	86.6	86.6	86.6	86.7	86.7	86.7	86.8
≥ 1/65536 ≥ 1/131072	70.9	79.9	82.1	84.4	85.6	85.9	86.9	87.3	87.3	87.7	87.7	87.7	87.8	87.8	87.8	87.9
≥ 1/32768 ≥ 1/65536	71.0	80.3	82.6	84.9	86.3	86.7	87.9	88.3	88.4	88.8	88.8	88.8	88.9	88.9	89.0	89.0
≥ 1/16384 ≥ 1/32768	71.2	80.7	83.1	85.6	87.2	87.7	89.1	89.6	89.6	90.1	90.2	90.2	90.3	90.3	90.4	90.4
≥ 1/8192 ≥ 1/16384	71.2	80.8	83.4	86.0	87.7	88.3	89.9	90.4	90.4	91.0	91.2	91.2	91.4	91.4	91.4	91.5
≥ 1/4096 ≥ 1/8192	71.3	80.9	83.6	86.3	88.2	88.8	90.6	91.3	91.4	92.2	92.4	92.4	92.6	92.6	92.6	92.7
≥ 1/2048 ≥ 1/4096	71.3	81.1	83.8	86.7	88.7	89.4	91.6	92.5	92.6	93.6	93.9	93.9	94.2	94.2	94.3	94.4
≥ 1/1024 ≥ 1/2048	71.3	81.1	83.9	86.8	89.0	89.7	92.2	93.4	93.4	94.9	95.4	95.4	96.1	96.1	96.3	96.4
≥ 1/512 ≥ 1/1024	71.3	81.1	83.9	86.8	89.0	89.7	92.3	93.6	93.7	95.5	96.1	96.1	97.2	97.3	97.6	98.0
≥ 1/256 ≥ 1/512	71.3	81.1	83.9	86.8	89.1	89.8	92.4	93.6	93.7	95.6	96.3	96.3	97.5	97.6	98.1	98.9
≥ 1/128 ≥ 1/256	71.3	81.1	83.9	86.8	89.1	89.8	92.4	93.6	93.7	95.7	96.4	96.4	97.6	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 5951

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13-47 KANSAS CITY INTL MO

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	50.3	51.8	53.1	53.4	53.4	53.4	53.4	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.8	54.0
≥ 18000 ≥ 17000	52.7	54.1	55.5	55.8	55.8	55.8	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.2	56.3
≥ 16000 ≥ 15000	52.7	54.1	55.5	55.8	55.8	55.8	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.2	56.3
≥ 14000 ≥ 13000	53.1	54.6	55.9	56.2	56.2	56.2	56.2	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.6	56.8
≥ 12000 ≥ 11000	53.9	55.3	56.6	56.9	56.9	56.9	56.9	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.4	57.5
≥ 10000 ≥ 9000	55.9	57.5	58.8	59.1	59.1	59.1	59.1	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.6	59.7
≥ 8000 ≥ 7000	56.3	58.0	59.3	59.6	59.6	59.6	59.6	59.7	59.7	59.9	59.9	59.9	59.9	59.9	60.0	60.2
≥ 6000 ≥ 5000	57.7	59.3	60.6	60.9	60.9	60.9	60.9	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.4	61.5
≥ 4500 ≥ 4000	58.8	60.5	61.8	62.1	62.1	62.1	62.1	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.5	62.7
≥ 3500 ≥ 3000	60.8	62.4	63.7	64.2	64.2	64.2	64.2	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.6	64.7
≥ 2500 ≥ 2000	61.1	62.8	64.3	64.7	64.7	64.7	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.2	65.3
≥ 1800 ≥ 1500	62.1	64.0	65.6	66.1	66.1	66.1	66.1	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.5	66.7
≥ 1200 ≥ 1000	63.3	65.2	67.0	67.4	67.4	67.4	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.8	68.0
≥ 900 ≥ 800	64.6	66.5	68.3	68.7	68.7	68.7	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.2	69.3
≥ 700 ≥ 600	65.8	67.7	69.6	70.2	70.2	70.2	70.2	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.6	70.8
≥ 500 ≥ 400	67.6	69.8	72.0	72.9	72.9	72.9	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.3	73.5
≥ 300 ≥ 200	69.0	72.0	74.2	75.5	75.5	75.5	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	76.0	76.1
≥ 180 ≥ 150	70.2	73.6	76.0	77.3	77.4	77.4	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.9	78.0
≥ 120 ≥ 100	72.4	76.4	78.9	80.2	80.7	80.7	80.7	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.1	81.3
≥ 90 ≥ 80	74.3	79.2	82.2	83.6	84.1	84.2	84.2	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.7	84.8
≥ 70 ≥ 60	76.1	81.4	84.8	86.3	87.3	87.5	87.5	87.6	87.9	88.2	88.2	88.2	88.2	88.2	88.3	88.5
≥ 50 ≥ 40	76.5	81.9	85.4	86.9	87.9	88.1	88.2	88.3	88.6	88.9	88.9	88.9	88.9	88.9	89.1	89.2
≥ 30 ≥ 20	76.8	82.3	85.8	87.8	89.1	89.4	89.5	89.7	90.0	90.3	90.3	90.3	90.3	90.3	90.4	90.6
≥ 18 ≥ 15	76.8	82.3	86.1	88.1	89.2	89.8	90.1	90.3	90.6	90.9	90.9	90.9	90.9	90.9	91.0	91.2
≥ 12 ≥ 10	76.8	82.3	86.1	88.1	90.1	90.7	91.0	91.2	91.4	91.7	91.7	91.7	91.7	91.7	91.9	92.0
≥ 9 ≥ 8	76.8	82.3	86.1	88.1	91.0	91.9	92.2	92.3	92.6	93.2	93.2	93.2	93.2	93.2	93.4	93.5
≥ 6 ≥ 5	76.8	82.3	86.1	88.1	91.3	92.6	93.2	93.5	93.8	94.7	94.7	94.7	94.7	94.7	94.8	95.0
≥ 4 ≥ 3	76.8	82.3	86.1	88.1	91.3	92.9	93.5	94.0	94.5	95.9	96.2	96.2	96.2	96.2	96.5	96.6
≥ 3 ≥ 2	76.8	82.3	86.1	88.1	91.3	92.9	93.5	94.1	94.8	96.9	97.2	97.2	97.2	98.1	98.4	98.5
≥ 2 ≥ 1	76.8	82.3	86.1	88.1	91.3	92.9	93.5	94.1	94.8	96.9	97.2	97.2	97.2	98.5	98.5	99.0
≥ 1 ≥ 0	76.8	82.3	86.1	88.1	91.3	92.9	93.5	94.1	94.8	96.9	97.2	97.2	97.2	98.5	98.5	99.1

TOTAL NUMBER OF OBSERVATIONS 675

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1347

KANSAS CITY INTL MO

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3300-1500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/20	≥ 0
NO CEILING ≥ 20000	51.0	52.8	53.7	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
≥ 18000 ≥ 6700	53.2	55.0	55.9	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9
≥ 14000 ≥ 2000	53.2	55.0	55.9	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9
≥ 10000 ≥ 9000	53.2	55.6	56.5	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5
≥ 8000 ≥ 7000	54.7	56.5	57.4	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4
≥ 6000 ≥ 5000	56.2	58.0	58.8	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9
≥ 4500 ≥ 4000	57.5	59.3	60.2	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2
≥ 3500 ≥ 3000	58.1	59.9	60.8	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8
≥ 2500 ≥ 2000	59.6	61.4	62.2	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.3
≥ 1800 ≥ 1500	60.3	62.2	63.1	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2
≥ 1200 ≥ 1000	61.1	63.0	63.9	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.9
≥ 900 ≥ 800	62.4	64.3	65.2	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2
≥ 700 ≥ 600	63.3	65.3	66.2	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.3
≥ 500 ≥ 400	64.2	66.2	67.3	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3
≥ 300 ≥ 200	66.1	68.1	69.2	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5
≥ 100 ≥ 0	67.7	70.5	71.7	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0
≥ 1000 ≥ 800	69.2	72.1	73.3	74.6	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2
≥ 600 ≥ 400	70.1	73.3	74.5	75.8	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5
≥ 300 ≥ 200	72.4	76.4	77.6	79.1	79.5	79.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 100 ≥ 0	74.2	79.1	81.0	82.4	82.9	82.9	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 1000 ≥ 800	74.6	80.5	82.9	85.0	85.4	85.4	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3
≥ 600 ≥ 400	75.5	81.9	84.2	86.4	87.5	87.5	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 300 ≥ 200	75.5	82.0	84.7	87.2	88.3	88.3	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.7
≥ 100 ≥ 0	76.0	82.7	85.4	87.9	89.5	89.5	90.6	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	91.0
≥ 1000 ≥ 800	76.0	82.9	85.7	88.5	90.4	90.6	91.6	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	92.0
≥ 600 ≥ 400	76.0	82.9	85.7	88.5	90.4	90.6	91.6	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	92.0
≥ 300 ≥ 200	76.1	83.0	85.8	88.8	91.6	92.0	93.4	93.5	93.8	94.5	94.8	94.8	94.8	94.8	94.8	95.1
≥ 100 ≥ 0	76.1	83.0	85.8	88.8	91.6	92.0	93.8	94.0	94.2	95.7	96.0	96.0	96.3	96.3	96.5	96.6
≥ 1000 ≥ 800	76.1	83.0	85.8	88.8	91.6	92.0	93.8	94.0	94.2	96.0	96.8	96.8	97.2	97.2	98.1	98.2
≥ 600 ≥ 400	76.1	83.0	85.8	88.8	91.6	92.0	93.8	94.0	94.2	96.0	96.8	96.8	97.9	97.9	99.0	99.1
≥ 300 ≥ 200	76.1	83.0	85.8	88.8	91.6	92.0	93.8	94.0	94.2	96.0	96.8	96.8	97.9	97.9	99.0	99.1
≥ 100 ≥ 0	76.1	83.0	85.8	88.8	91.6	92.0	93.8	94.0	94.2	96.0	96.8	96.8	97.9	97.9	99.0	99.1

TOTAL NUMBER OF OBSERVATIONS 675

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1947 KANSAS CITY INTL MO

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	46.2	50.0	50.3	51.0	51.8	51.8	51.8	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000	49.7	53.1	53.5	54.4	55.2	55.2	55.2	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 18000	49.3	53.4	53.8	54.7	55.5	55.5	55.5	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 16000	49.3	53.4	53.8	54.7	55.5	55.5	55.5	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 14000	50.1	54.3	54.7	55.6	56.3	56.3	56.3	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000	51.2	55.5	56.0	56.9	57.7	57.7	57.7	58.0	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 10000	52.8	57.4	58.0	58.8	59.6	59.6	59.6	59.9	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 9000	52.9	57.5	58.1	59.0	59.7	59.9	59.9	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 8000	53.5	58.3	59.0	59.9	60.6	60.8	60.8	61.1	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 7000	54.7	59.4	60.2	61.1	61.8	61.9	61.9	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 6000	55.5	60.2	60.9	61.8	62.5	62.7	62.7	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 5000	56.3	61.1	61.8	62.8	63.6	63.7	63.7	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 4500	57.5	62.4	63.1	64.3	65.0	65.2	65.2	65.5	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4000	58.7	63.6	64.3	65.5	66.2	66.4	66.4	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 3500	60.3	65.3	66.2	67.4	68.1	68.3	68.3	68.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 3000	61.7	67.0	67.8	69.0	69.8	69.9	69.9	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 2500	62.7	68.3	69.3	70.5	71.2	71.4	71.5	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 2000	64.6	70.6	71.8	73.3	74.2	74.3	74.6	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1800	64.9	70.9	72.1	73.7	74.6	74.8	75.1	75.4	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1500	66.7	73.0	74.2	76.1	77.3	77.4	77.9	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1200	68.6	75.5	78.0	80.4	81.6	81.7	82.2	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1000	69.6	77.1	80.1	82.4	83.9	84.1	84.5	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 900	70.2	77.7	80.7	83.2	84.7	84.8	85.3	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 800	70.4	78.0	81.1	84.1	85.5	85.7	86.1	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 700	70.5	78.5	81.7	85.0	87.2	87.3	87.8	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 600	70.5	78.6	82.0	85.5	88.1	88.5	89.1	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 500	70.5	78.9	82.4	86.3	89.1	89.5	90.3	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 400	70.6	79.2	82.7	86.7	89.7	90.3	91.3	92.6	92.8	93.5	93.7	93.7	93.8	93.8	93.8	93.8
≥ 300	70.6	79.2	82.7	86.7	89.7	90.3	91.6	93.4	93.7	95.1	95.7	95.7	95.9	95.9	95.9	95.9
≥ 200	70.6	79.2	82.7	86.7	89.7	90.3	91.7	93.5	93.8	95.6	96.3	96.3	96.6	96.6	96.9	97.2
≥ 100	70.6	79.2	82.7	86.7	89.7	90.3	91.7	93.5	93.8	95.6	96.9	96.9	97.5	97.5	98.8	99.3
≥ 0	70.6	79.2	82.7	86.7	89.7	90.3	91.7	93.5	93.8	95.6	96.9	96.9	97.5	97.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 674

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AT: WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

74-47

KANSAS CITY INTL MO

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	37.6	47.2	49.1	50.1	50.4	50.6	51.0	51.3	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6
≥ 2000	43.3	51.9	54.0	55.2	55.5	55.6	56.1	56.4	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.8
≥ 1800	43.3	51.9	54.0	55.2	55.5	55.6	56.1	56.4	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.8
≥ 1600	43.3	51.9	54.0	55.2	55.5	55.6	56.1	56.4	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.8
≥ 1400	44.8	53.1	55.3	56.7	57.0	57.1	57.5	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.3
≥ 1200	45.4	53.8	56.1	57.5	57.8	58.1	58.6	58.9	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.3
≥ 1000	47.6	56.8	59.0	60.5	60.8	61.1	61.5	61.8	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.3
≥ 900	48.1	57.4	59.6	61.2	61.5	61.8	62.3	62.6	62.7	62.7	62.9	62.9	62.9	62.9	62.9	63.0
≥ 800	49.7	59.3	61.7	63.3	63.6	64.1	64.5	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.2
≥ 700	50.1	59.9	62.3	64.1	64.6	65.1	65.5	65.8	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.3
≥ 600	50.1	59.9	62.3	64.1	64.6	65.2	65.7	66.0	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.4
≥ 500	50.6	60.8	63.2	64.9	65.5	66.1	66.6	66.9	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.3
≥ 450	50.7	60.9	63.5	65.2	65.8	66.4	66.9	67.2	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.6
≥ 400	51.3	62.0	64.6	66.4	67.0	67.6	68.2	68.5	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.9
≥ 350	52.7	62.9	65.7	67.6	68.3	68.9	69.5	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.3
≥ 300	53.0	63.2	66.3	68.3	69.1	69.7	70.6	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.4
≥ 250	53.3	64.5	67.8	70.0	71.0	71.6	72.5	73.1	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.5
≥ 200	54.9	65.8	69.1	71.4	72.5	73.4	74.6	75.1	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.7
≥ 180	55.5	66.9	70.6	73.2	74.7	75.6	76.8	77.4	77.5	77.7	77.8	77.8	77.8	77.8	77.8	78.0
≥ 150	56.2	68.5	72.3	75.9	78.1	79.1	80.3	80.9	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.5
≥ 120	56.4	69.8	74.0	77.8	80.3	81.4	83.0	83.6	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.2
≥ 100	56.5	70.1	74.4	78.7	81.8	82.8	84.5	85.4	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.9
≥ 90	56.7	70.6	75.0	79.4	82.7	84.0	85.7	86.5	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.1
≥ 80	56.7	70.6	75.0	79.4	83.1	84.5	86.1	87.1	87.3	87.9	88.0	88.0	88.0	88.0	88.0	88.2
≥ 70	56.7	70.7	75.1	80.0	84.3	85.9	87.7	89.2	89.3	89.9	90.1	90.1	90.1	90.1	90.1	90.2
≥ 60	56.7	70.7	75.1	80.0	84.3	86.2	88.3	89.9	90.1	91.1	91.3	91.3	91.3	91.3	91.3	91.4
≥ 50	56.7	70.7	75.1	80.2	84.6	86.7	89.3	91.1	91.3	92.8	92.9	92.9	93.0	93.0	93.0	93.2
≥ 40	56.7	70.7	75.1	80.2	84.6	86.8	89.8	92.3	92.5	94.4	94.5	94.5	94.8	94.8	94.8	95.1
≥ 30	56.7	70.7	75.1	80.2	84.6	86.8	89.9	93.0	93.3	95.6	96.4	96.4	96.9	96.9	96.9	97.6
≥ 20	56.7	70.7	75.1	80.2	84.6	86.8	89.9	93.0	93.3	95.6	96.4	96.4	96.9	96.9	97.0	98.1
≥ 10	56.7	70.7	75.1	80.2	84.6	86.8	89.9	93.0	93.3	95.6	96.7	96.7	97.3	97.3	97.9	99.3
≥ 0	56.7	70.7	75.1	80.2	84.6	86.8	89.9	93.0	93.3	95.6	96.7	96.7	97.3	97.3	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 676

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7447  
STATION

KANSAS CITY INTL PD  
STATION NAME

74-81  
YEARS

FL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1999-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	42.2	47.2	49.0	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 20000	47.3	52.8	54.9	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 18000	47.3	52.8	54.9	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 16000	47.3	52.8	54.9	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 14000	48.1	53.5	55.6	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 12000	48.8	54.3	56.3	57.2	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	49.9	55.9	58.0	58.8	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 9000	50.6	56.9	59.0	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 8000	51.9	58.7	60.8	61.7	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 7000	52.5	59.4	61.5	62.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 6000	53.1	60.0	62.1	63.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 5000	53.5	60.5	62.5	63.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 4500	54.3	61.7	63.9	64.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 4000	54.9	62.4	64.7	65.6	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.3	67.3	67.3
≥ 3500	55.0	62.5	65.3	66.2	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0
≥ 3000	55.6	63.1	66.1	67.3	68.6	68.7	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3
≥ 2500	57.8	66.2	69.2	70.4	71.8	72.1	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7
≥ 2000	60.5	69.9	73.3	74.6	76.1	76.4	76.7	76.8	76.8	76.8	76.8	77.0	77.0	77.1	77.1	77.1
≥ 1800	60.6	70.2	73.7	75.4	76.8	77.1	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.9	77.9	77.9
≥ 1500	61.9	72.9	76.7	79.1	80.8	81.1	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.9	81.9	81.9
≥ 1200	62.7	74.9	79.1	82.3	84.4	84.7	85.4	85.7	85.7	85.7	85.7	85.8	85.8	86.0	86.0	86.0
≥ 1000	62.7	75.1	79.8	83.6	86.3	86.9	87.6	88.1	88.1	88.2	88.3	88.3	88.3	88.6	88.6	88.6
≥ 900	62.7	75.2	79.9	83.8	86.6	87.2	87.9	88.3	88.3	88.5	88.6	88.6	88.6	88.9	88.9	88.9
≥ 800	62.7	75.2	79.9	84.2	87.2	87.9	88.6	89.2	89.2	89.4	89.7	89.7	89.7	90.1	90.1	90.1
≥ 700	62.7	75.2	79.9	84.8	87.9	88.6	89.7	90.4	90.4	90.7	91.2	91.2	91.6	91.6	91.6	91.6
≥ 600	62.7	75.2	79.9	85.1	88.2	89.1	90.6	91.4	91.4	91.9	92.3	92.3	92.8	92.8	92.9	92.9
≥ 500	62.7	75.4	80.1	85.3	88.3	89.2	91.9	93.1	93.1	93.5	94.0	94.0	94.8	94.8	95.0	95.0
≥ 400	62.7	75.4	80.1	85.3	88.3	89.2	91.9	93.7	93.7	94.8	95.6	95.6	96.6	96.6	96.8	96.9
≥ 300	62.7	75.4	80.1	85.3	88.3	89.2	91.9	93.8	94.0	95.4	96.9	96.9	97.9	97.9	98.1	98.2
≥ 200	62.7	75.4	80.1	85.3	88.3	89.2	91.9	93.8	94.0	95.4	97.1	97.1	98.5	98.5	99.3	99.4
≥ 100	62.7	75.4	80.1	85.3	88.3	89.2	91.9	93.8	94.0	95.4	97.2	97.2	98.7	98.7	99.6	99.7
≥ 0	62.7	75.4	80.1	85.3	88.3	89.2	91.9	93.8	94.0	95.4	97.2	97.2	98.7	98.7	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7747 KANSAS CITY INTL MO

74-81

FILE

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1907-1970  
HOURS (C.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	45.7	49.6	57.6	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 2000	50.3	54.7	55.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 1800	50.3	54.7	55.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 1600	50.3	54.7	55.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 1400	51.0	55.8	56.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 1200	52.5	58.0	59.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1000	53.5	59.6	60.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 900	53.7	60.0	61.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 800	54.4	61.2	62.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 700	55.2	62.1	63.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 600	55.9	63.1	64.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 500	56.2	63.7	64.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 450	56.5	64.2	65.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 400	57.1	65.0	66.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 350	57.4	65.9	67.3	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.3	69.3	69.3
≥ 300	58.1	67.8	69.3	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.2	71.2	71.5	71.5	71.5
≥ 250	59.1	69.9	71.7	73.3	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.3	74.3	74.6	74.6	74.6
≥ 200	61.2	73.0	74.9	76.5	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.6	77.6	77.9	77.9	77.9
≥ 180	61.7	73.5	75.5	77.3	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.5	78.5	78.8	78.8	78.8
≥ 150	63.1	76.7	79.5	81.9	82.7	83.0	83.2	83.2	83.2	83.2	83.2	83.5	83.5	83.8	83.8	83.8
≥ 120	63.7	78.2	81.4	84.4	85.3	85.7	85.8	86.0	86.0	86.0	86.0	86.3	86.3	86.6	86.6	86.6
≥ 100	63.9	78.9	82.7	86.0	87.3	87.8	88.1	88.2	88.2	88.2	88.2	88.5	88.5	88.8	88.8	88.8
≥ 90	63.9	78.9	82.9	86.1	87.6	88.3	88.8	88.9	88.9	89.2	89.5	89.5	89.5	89.8	89.8	89.8
≥ 80	63.9	78.9	82.9	86.1	87.8	88.8	89.5	89.8	89.8	90.3	90.7	90.7	90.7	91.0	91.0	91.0
≥ 70	63.9	79.1	83.0	86.4	88.1	89.1	90.0	90.4	90.4	90.9	91.3	91.3	91.7	91.7	91.7	91.7
≥ 60	63.9	79.4	83.3	86.9	88.6	90.0	91.6	92.2	92.2	92.9	93.7	93.7	94.1	94.1	94.1	94.1
≥ 50	63.9	79.4	83.3	86.9	88.8	90.4	92.8	93.4	93.4	94.4	95.1	95.1	95.6	95.6	95.6	95.6
≥ 40	63.9	79.4	83.3	86.9	88.9	90.6	93.1	93.8	93.8	95.3	96.2	96.2	96.6	96.6	96.6	96.6
≥ 300	63.9	79.4	83.3	86.9	89.1	90.7	93.2	94.1	94.1	95.7	96.9	96.9	97.8	97.8	98.1	98.1
≥ 200	63.9	79.4	83.3	86.9	89.1	90.7	93.2	94.1	94.1	95.7	97.1	97.1	97.9	97.9	98.8	99.0
≥ 100	63.9	79.4	83.3	86.9	89.1	90.7	93.2	94.1	94.1	95.7	97.2	97.2	98.2	98.2	99.4	100.0
≥ 0	63.9	79.4	83.3	86.9	89.1	90.7	93.2	94.1	94.1	95.7	97.2	97.2	98.2	98.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 67



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

74-47

KANSAS CITY INTL MO

74-81

FE

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO RECORD ≥ 2000	51.6	53.8	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.9
≥ 1800	55.9	58.6	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.6
≥ 1600	56.0	58.8	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9
≥ 1400	56.7	58.8	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9
≥ 1200	56.7	59.6	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6
≥ 1000	53.3	61.1	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2
≥ 900	57.6	62.8	63.6	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2
≥ 800	60.2	63.4	64.2	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7
≥ 700	60.6	64.0	64.7	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3
≥ 600	61.9	65.2	65.9	66.4	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
≥ 500	63.0	67.0	67.8	68.3	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.9
≥ 450	63.4	67.4	68.3	68.9	69.2	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
≥ 400	64.5	68.7	69.8	70.4	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1
≥ 350	65.3	69.8	70.9	71.5	71.8	71.8	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
≥ 300	65.9	70.9	72.1	72.7	73.0	73.0	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6
≥ 250	66.4	71.8	73.0	73.6	73.9	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.5
≥ 200	67.3	73.3	74.8	75.5	75.8	75.8	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4
≥ 150	68.3	74.9	76.4	77.1	77.4	77.4	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 100	68.4	75.5	77.1	77.9	78.3	78.3	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
≥ 80	70.9	79.2	81.3	82.2	82.7	82.9	83.6	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
≥ 60	71.1	80.4	82.7	83.9	84.7	84.8	85.5	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.6
≥ 40	71.5	81.3	83.9	85.8	87.0	87.2	88.1	88.9	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.5
≥ 30	71.5	81.3	83.9	86.0	87.3	87.9	88.8	89.8	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.4
≥ 20	71.5	81.4	84.1	86.3	87.9	88.5	90.0	91.3	91.3	91.9	91.9	91.9	91.9	91.9	91.9	92.0
≥ 10	71.8	81.7	84.4	86.6	88.2	88.8	90.6	91.9	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.8
≥ 5	71.8	81.7	84.4	86.6	88.2	88.8	90.6	91.9	91.9	92.8	93.1	93.1	93.1	93.1	93.1	93.2
≥ 3	71.8	81.9	84.5	86.7	88.6	89.2	91.4	93.1	93.1	94.2	94.5	94.5	94.7	94.7	94.7	94.8
≥ 2	71.8	81.9	84.5	86.7	88.6	89.4	91.7	93.5	93.5	95.0	95.4	95.4	95.7	95.7	95.7	95.9
≥ 1	71.8	81.9	84.5	86.7	88.6	89.5	91.9	93.7	93.7	95.9	96.5	96.5	96.9	96.9	96.9	97.1
≥ 0	71.8	81.9	84.5	86.7	88.6	89.5	91.9	94.0	94.0	96.6	97.6	97.6	98.1	98.2	98.7	99.1
≥ 0	71.8	81.9	84.5	86.7	88.6	89.5	91.9	94.0	94.0	96.6	97.6	97.6	98.1	98.2	98.8	99.7
≥ 0	71.8	81.9	84.5	86.7	88.6	89.5	91.9	94.0	94.0	96.6	97.6	97.6	98.1	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 67

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1347

KANSAS CITY INTL MO

74-61

FEB

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	52.7	54.9	55.2	55.6	55.6	55.6	55.8	55.8	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 18000 ≥ 17000	54.6	56.8	57.1	57.5	57.5	57.5	57.7	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000 ≥ 15000	55.1	57.2	57.5	58.0	58.0	58.0	58.1	58.1	58.1	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 14000 ≥ 13000	55.0	57.2	57.5	58.0	58.0	58.0	58.1	58.1	58.1	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 12000 ≥ 11000	55.3	57.5	57.8	58.3	58.3	58.3	58.4	58.4	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 10000 ≥ 9000	56.6	58.8	59.1	59.6	59.6	59.6	59.7	59.7	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 8000 ≥ 7000	58.1	60.6	60.9	61.4	61.4	61.4	61.5	61.5	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 6000 ≥ 5000	58.6	61.2	61.5	62.1	62.1	62.1	62.2	62.2	62.2	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 4500 ≥ 4000	59.6	62.4	62.7	63.3	63.3	63.3	63.4	63.4	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 3500 ≥ 3000	61.1	63.9	64.2	64.7	64.7	64.7	64.9	64.9	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 2500 ≥ 2000	62.7	65.5	66.2	67.0	67.0	67.0	67.1	67.1	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 1800 ≥ 1500	63.4	66.2	67.1	67.7	67.7	67.7	67.8	67.8	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 1200 ≥ 1000	64.6	67.6	68.3	69.0	69.0	69.0	69.2	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 900 ≥ 800	65.3	69.0	69.8	70.5	70.5	70.5	70.6	70.6	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 700 ≥ 600	66.8	69.9	70.6	71.4	71.4	71.4	71.5	71.5	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 500 ≥ 400	67.8	71.2	72.0	72.7	72.7	72.7	72.9	72.9	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 300 ≥ 200	69.0	73.6	74.3	75.2	75.2	75.2	75.4	75.4	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 100 ≥ 0	70.6	75.8	76.7	77.6	77.6	77.6	77.7	77.7	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 100 ≥ 0	71.7	77.1	78.3	79.2	79.2	79.2	79.4	79.5	79.5	79.9	80.2	80.2	80.2	80.2	80.2	80.2
≥ 100 ≥ 0	74.2	80.1	81.4	82.4	82.4	82.4	82.9	83.2	83.2	83.8	84.1	84.1	84.1	84.1	84.1	84.1
≥ 100 ≥ 0	75.5	82.2	83.6	85.3	85.5	85.7	86.3	86.6	86.6	87.2	87.5	87.5	87.5	87.5	87.5	87.5
≥ 100 ≥ 0	76.4	83.2	84.6	86.7	87.3	87.6	88.2	88.6	88.6	89.4	89.7	89.7	89.7	89.7	89.7	89.7
≥ 100 ≥ 0	76.5	83.3	85.1	87.3	88.1	88.3	88.9	89.4	89.4	90.1	90.4	90.4	90.4	90.4	90.4	90.4
≥ 100 ≥ 0	76.7	83.5	85.3	87.8	88.6	88.9	89.8	90.3	90.3	91.0	91.3	91.3	91.3	91.3	91.3	91.3
≥ 100 ≥ 0	76.8	83.6	85.4	88.1	89.2	89.8	91.0	91.6	91.6	92.3	92.6	92.6	92.6	92.6	92.6	92.6
≥ 100 ≥ 0	76.8	83.6	85.5	88.2	90.0	90.7	91.9	92.8	92.8	93.5	93.8	93.8	94.0	94.0	94.0	94.0
≥ 100 ≥ 0	76.8	83.6	85.5	88.2	91.0	91.9	93.4	94.2	94.2	95.0	95.6	95.6	95.7	95.7	95.7	95.7
≥ 100 ≥ 0	76.8	83.8	85.7	88.3	91.2	92.2	93.8	94.7	94.7	95.4	96.0	96.0	96.2	96.2	96.2	96.2
≥ 100 ≥ 0	76.8	83.8	85.7	88.3	91.2	92.6	94.2	95.1	95.1	95.9	96.5	96.5	96.9	96.9	96.9	96.9
≥ 100 ≥ 0	76.8	83.8	85.7	88.3	91.2	92.8	94.4	95.4	95.4	96.5	97.1	97.1	97.9	97.9	97.9	97.9
≥ 100 ≥ 0	76.8	83.8	85.7	88.3	91.2	92.8	94.4	95.6	95.6	96.9	97.6	97.6	98.7	98.7	99.0	99.0
≥ 100 ≥ 0	76.8	83.8	85.7	88.3	91.2	92.8	94.4	95.6	95.6	96.9	97.6	97.6	98.7	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 673

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7347

KANSAS CITY INTL MO

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.R.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	47.4	50.9	51.9	52.6	52.8	52.8	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.2
≥ 20000	50.3	54.6	55.7	56.5	56.6	56.7	56.7	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	50.9	54.6	55.9	56.6	56.8	56.8	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.2
≥ 16000	50.9	54.8	55.9	56.6	56.8	56.8	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.2
≥ 14000	51.6	55.5	56.6	57.4	57.5	57.6	57.6	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9
≥ 12000	52.7	56.7	57.8	58.6	58.8	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2
≥ 10000	54.2	58.6	59.7	60.5	60.7	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.1	61.1
≥ 9000	54.7	59.2	60.4	61.2	61.4	61.4	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8
≥ 8000	55.7	60.4	61.6	62.4	62.6	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.1	63.1
≥ 7000	56.7	61.5	62.7	63.6	63.9	63.9	64.0	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.4
≥ 6000	57.7	62.5	63.8	64.7	65.1	65.2	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.6
≥ 5000	58.3	63.2	64.5	65.4	65.8	65.9	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.3
≥ 4500	59.1	64.2	65.6	66.6	66.9	67.0	67.1	67.2	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4
≥ 4000	60.0	65.3	66.7	67.7	68.1	68.2	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.7	68.7	68.8
≥ 3500	60.9	66.3	67.9	68.9	69.3	69.4	69.5	69.6	69.7	69.8	69.8	69.8	69.9	69.9	69.9	70.0
≥ 3000	61.8	67.5	69.2	70.3	70.7	70.8	71.0	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.5
≥ 2500	63.1	69.5	71.3	72.5	73.1	73.2	73.5	73.6	73.7	73.8	73.8	73.8	73.9	73.9	73.9	74.0
≥ 2000	64.8	71.8	73.7	75.1	75.7	75.9	76.2	76.4	76.4	76.5	76.7	76.7	76.7	76.7	76.7	76.9
≥ 1800	65.4	72.6	74.7	76.2	76.9	77.1	77.5	77.7	77.8	77.9	78.0	78.0	78.0	78.0	78.1	78.1
≥ 1500	67.2	75.4	77.7	79.6	80.5	80.8	81.3	81.6	81.6	81.7	81.8	81.8	81.9	81.9	81.9	82.0
≥ 1200	68.3	77.4	80.2	82.5	83.6	83.9	84.5	84.8	84.9	85.0	85.1	85.1	85.2	85.2	85.2	85.3
≥ 1000	68.9	78.5	81.7	84.3	85.8	86.1	86.8	87.3	87.3	87.6	87.7	87.7	87.8	87.8	87.8	87.8
≥ 900	69.2	78.8	82.1	84.9	86.5	87.0	87.7	88.2	88.3	88.5	88.6	88.6	88.7	88.7	88.7	88.8
≥ 800	69.3	79.0	82.3	85.4	87.2	87.8	88.6	89.2	89.3	89.7	89.8	89.8	89.9	89.9	89.9	90.0
≥ 700	69.4	79.2	82.6	85.8	88.0	88.6	89.7	90.4	90.4	90.9	91.0	91.0	91.1	91.1	91.2	91.2
≥ 600	69.4	79.3	82.8	86.1	88.5	89.3	90.6	91.4	91.4	92.0	92.2	92.2	92.3	92.3	92.4	92.5
≥ 500	69.4	79.4	82.9	86.3	89.0	90.0	91.7	92.6	92.7	93.5	93.7	93.7	94.0	94.0	94.0	94.1
≥ 400	69.4	79.5	82.9	86.4	89.3	90.4	92.3	93.5	93.6	94.7	95.1	95.1	95.4	95.4	95.5	95.6
≥ 300	69.4	79.5	82.9	86.4	89.3	90.5	92.5	93.9	94.1	95.6	96.4	96.4	96.8	96.8	97.0	97.1
≥ 200	69.4	79.5	82.9	86.4	89.3	90.5	92.5	94.0	94.2	96.0	96.9	96.9	97.7	97.7	98.1	98.4
≥ 100	69.4	79.5	82.9	86.4	89.3	90.5	92.5	94.0	94.2	96.1	97.2	97.2	98.1	98.1	98.9	99.4
≥ 0	69.4	79.5	82.9	86.4	89.3	90.5	92.5	94.0	94.2	96.1	97.2	97.2	98.1	98.2	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5422

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3947

KANSAS CITY INTL MO

74-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	53.5	55.0	55.0	55.1	55.1	55.1	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000	55.5	57.3	57.3	57.5	57.5	57.5	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000	55.6	57.4	57.4	57.7	57.7	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	55.6	57.4	57.4	57.7	57.7	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	55.6	57.7	57.7	57.9	57.9	57.9	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000	56.6	58.6	58.6	59.0	59.0	59.0	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 10000	58.3	60.3	60.3	60.8	60.8	60.8	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 9000	59.9	61.8	61.8	62.2	62.2	62.2	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000	61.6	63.6	63.6	64.0	64.0	64.0	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 7000	63.0	65.2	65.2	65.7	65.7	65.7	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 6000	64.4	66.5	66.5	67.1	67.1	67.1	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 5000	65.5	67.6	67.6	68.1	68.1	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4500	67.3	69.5	69.5	70.0	70.0	70.0	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 4000	68.4	70.6	70.6	71.1	71.1	71.1	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	69.6	72.3	72.3	72.8	72.8	72.8	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3000	71.2	74.1	74.1	74.6	74.7	74.7	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 2500	72.8	75.8	75.8	76.3	76.5	76.5	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 2000	74.6	77.6	77.6	78.1	78.4	78.4	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 1800	75.7	78.8	78.9	79.7	80.0	80.0	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1500	78.1	81.6	81.7	82.8	83.1	83.1	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1200	80.1	84.5	84.7	85.8	86.2	86.2	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1000	82.1	87.2	87.4	88.4	88.8	88.8	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 900	82.7	87.8	88.0	89.1	89.5	89.5	89.8	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 800	83.2	89.0	89.4	90.5	91.0	91.0	91.3	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 700	83.7	89.7	90.3	91.4	92.2	92.3	92.6	93.0	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3
≥ 600	84.0	89.9	90.6	91.8	92.6	92.9	93.1	93.5	93.5	93.7	93.8	93.8	93.8	93.8	94.0	94.0
≥ 500	84.7	90.7	91.7	93.4	94.2	94.6	95.2	95.7	95.7	95.8	96.1	96.1	96.1	96.1	96.2	96.2
≥ 400	84.7	90.9	91.9	93.8	94.8	95.2	95.8	96.5	96.5	96.6	96.9	96.9	96.9	96.9	97.0	97.0
≥ 300	84.7	90.9	91.9	94.0	95.3	95.7	96.5	97.6	97.7	98.0	98.3	98.3	98.3	98.3	98.4	98.5
≥ 200	84.7	90.9	91.9	94.0	95.3	95.7	96.5	97.8	98.0	98.3	98.5	98.5	98.5	98.8	98.8	98.9
≥ 100	84.7	90.9	91.9	94.0	95.3	95.7	96.5	97.8	98.0	98.3	98.5	98.5	98.5	99.1	99.1	99.3
≥ 0	84.7	90.9	91.9	94.0	95.3	95.7	96.5	97.8	98.0	98.3	98.5	98.5	98.5	99.1	99.1	99.3

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7447

KANSAS CITY INTL MO

74-81

MAP

STATION

STATION NAME

YEARS

MORPH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

HOURE (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	50.9	53.9	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	54.4	57.4	57.7	57.8	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	54.4	57.4	57.7	57.8	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	54.4	57.4	57.7	57.8	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	54.6	57.5	57.9	58.1	58.2	58.3	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 12000	55.9	59.0	59.4	59.5	59.7	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 10000	57.0	60.1	60.5	60.6	60.8	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 9000	58.6	61.7	62.5	62.6	62.8	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	60.5	63.6	64.4	64.5	64.7	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 7000	62.8	65.9	66.7	66.8	66.9	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 6000	64.4	67.5	68.3	68.4	68.5	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000	65.3	68.4	69.2	69.4	69.5	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4500	67.1	70.2	71.0	71.1	71.2	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000	67.7	70.8	71.6	71.8	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	69.7	71.8	72.6	72.7	72.8	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3000	69.6	72.7	73.5	73.7	73.8	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500	71.4	74.7	75.7	75.8	75.9	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 2000	72.8	76.5	77.4	77.6	77.7	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1800	73.5	77.6	78.5	78.6	78.9	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1500	75.3	79.8	80.8	81.0	81.5	81.6	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1200	77.7	82.0	82.9	83.5	84.0	84.1	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1000	79.2	84.1	85.1	85.8	86.3	86.4	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 900	79.4	84.4	85.3	86.2	86.7	86.8	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 800	79.3	84.9	86.2	87.4	87.9	88.0	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 700	80.2	85.6	87.1	88.6	89.1	89.2	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 600	80.5	86.7	88.6	90.1	90.7	90.9	91.9	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 500	80.8	87.1	89.1	91.3	92.2	92.3	93.7	94.5	94.5	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 400	80.8	87.6	89.8	92.1	93.0	93.1	94.8	95.6	95.6	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 300	80.9	87.8	90.1	92.3	93.3	93.4	95.3	96.8	96.8	97.6	97.7	97.7	98.1	98.1	98.1	98.1
≥ 200	80.9	87.8	90.1	92.3	93.4	93.5	95.4	96.9	96.9	97.8	98.0	98.0	98.5	98.5	98.5	98.8
≥ 100	80.9	87.8	90.1	92.3	93.4	93.5	95.4	96.9	96.9	97.8	98.1	98.1	98.7	98.8	98.8	99.1
≥ 0	80.9	87.8	90.1	92.3	93.4	93.5	95.4	96.9	96.9	97.8	98.1	98.1	98.7	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13447

KANSAS CITY INTL MO

74-81

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	36.6	41.0	42.5	44.4	44.4	44.4	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 20000	42.6	47.2	49.1	51.2	51.2	51.2	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 18000	42.6	47.2	49.1	51.2	51.2	51.2	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 16000	42.6	47.2	49.1	51.2	51.2	51.2	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	43.3	47.8	49.7	51.9	51.9	51.9	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	44.3	49.7	51.7	53.9	53.9	53.9	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 10000	46.0	51.3	53.5	55.6	55.6	55.6	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 9000	47.4	52.8	55.0	57.1	57.1	57.1	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 8000	48.4	53.9	56.2	58.3	58.5	58.5	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 7000	51.1	55.6	57.9	60.1	60.3	60.3	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 6000	51.7	57.5	59.8	62.0	62.5	62.5	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 5000	53.6	59.5	61.8	64.0	64.5	64.5	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 4500	54.4	60.5	62.8	64.9	65.5	65.6	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 4000	55.3	62.1	64.4	66.5	67.2	67.3	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3500	56.5	62.9	65.2	67.3	68.0	68.1	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3000	57.9	64.8	67.1	69.2	70.0	70.2	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 2500	58.6	65.6	68.1	70.4	71.2	71.4	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 2000	60.6	68.0	70.8	73.1	73.9	74.1	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1800	61.3	68.8	71.6	74.1	74.9	75.0	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1500	64.8	73.1	76.5	79.3	80.2	80.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7
≥ 1200	65.6	74.6	78.2	81.0	82.0	82.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.6
≥ 1000	66.5	75.9	80.0	83.2	84.1	84.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.9	85.9	86.0
≥ 900	66.7	76.3	80.8	84.1	85.2	85.5	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.2	87.2	87.4
≥ 800	66.8	76.7	81.5	84.9	86.3	86.8	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.7	88.7	88.8
≥ 700	66.8	76.9	81.7	85.6	87.0	87.8	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.9	89.9	90.1
≥ 600	66.9	76.9	82.3	86.2	87.6	88.4	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.9	90.9	91.0
≥ 500	66.9	77.2	82.8	86.8	88.6	89.4	91.9	92.2	92.2	92.3	92.3	92.5	92.5	93.0	93.0	93.1
≥ 400	66.9	77.2	82.8	87.1	89.1	89.9	92.5	93.0	93.0	93.5	93.7	93.7	93.7	94.2	94.2	94.4
≥ 300	66.9	77.2	82.8	87.4	89.4	90.2	92.7	93.8	94.0	94.6	94.9	94.9	95.8	95.8	96.0	96.0
≥ 200	66.9	77.2	82.8	87.4	89.4	90.2	92.7	94.0	94.2	95.0	95.8	95.8	97.2	97.2	97.8	98.3
≥ 100	66.9	77.2	82.8	87.4	89.4	90.2	92.7	94.0	94.4	95.2	96.0	96.0	97.4	97.4	98.3	98.9
≥ 0	66.9	77.2	82.8	87.4	89.4	90.2	92.7	94.0	94.4	95.2	96.0	96.0	97.6	97.6	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03947

KANSAS CITY INTL MO

74-81

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥¼	≥⅒	≥0
NO CEILING	40.2	46.4	47.6	47.9	47.9	47.9	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	43.9	50.3	51.5	51.8	51.8	52.1	52.6	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 18000	44.7	50.6	51.8	52.1	52.1	52.4	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 16000	44.0	50.6	51.8	52.1	52.1	52.4	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 14000	44.4	51.1	52.4	52.6	52.6	52.9	53.4	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 12000	46.3	53.8	55.0	55.5	55.6	55.9	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 10000	48.2	56.0	57.2	57.6	57.7	58.0	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 9000	48.9	56.7	57.9	58.4	58.5	58.8	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 8000	49.4	57.2	58.8	59.5	59.8	60.0	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 7000	49.9	58.1	60.0	60.8	61.2	61.5	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 6000	50.7	59.1	61.0	61.8	62.4	62.7	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 5000	51.3	60.8	62.7	63.5	64.3	64.6	65.1	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 4500	52.0	61.2	63.1	63.9	64.7	65.0	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 4000	53.2	62.9	64.7	65.5	66.4	66.6	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 3500	53.3	63.3	65.1	65.9	66.8	67.0	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 3000	54.9	65.7	67.7	68.6	69.6	69.9	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 2500	55.9	67.0	69.4	70.4	71.7	72.0	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 2000	56.3	68.6	71.1	72.4	73.8	74.3	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1800	57.3	69.3	72.0	73.6	75.0	75.5	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 1500	59.1	72.5	76.0	78.2	79.5	80.2	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 1200	60.2	75.6	79.4	82.2	83.7	84.5	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1000	60.3	76.2	80.6	83.7	85.5	86.3	87.2	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 900	60.3	76.4	80.9	84.0	85.7	86.9	87.9	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 800	60.3	76.6	81.0	84.3	86.3	87.6	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.1	89.1	89.1
≥ 700	60.3	77.3	82.1	85.3	87.6	89.1	90.6	90.7	90.8	91.0	91.0	91.0	91.0	91.1	91.1	91.1
≥ 600	60.3	77.3	82.2	85.5	87.9	89.5	91.3	91.7	91.8	92.1	92.1	92.1	92.1	92.2	92.2	92.2
≥ 500	60.4	77.4	82.4	85.6	88.2	89.9	91.8	92.7	92.9	93.5	93.5	93.5	93.5	93.8	93.8	93.8
≥ 400	60.4	77.7	82.6	86.0	88.7	90.4	92.6	94.1	94.3	95.3	95.4	95.4	95.4	95.7	95.7	95.7
≥ 300	60.4	77.7	82.6	86.0	88.8	90.6	92.7	94.3	94.6	96.1	96.5	96.5	96.5	96.9	96.9	96.9
≥ 200	60.4	77.7	82.6	86.0	88.8	90.6	92.7	94.5	94.8	96.2	96.6	96.6	96.8	97.7	97.7	98.0
≥ 100	60.4	77.7	82.6	86.0	88.8	90.6	92.7	94.5	94.8	96.2	96.6	96.8	97.8	97.8	98.3	99.3
≥ 0	60.4	77.7	82.6	86.0	88.8	90.6	92.7	94.5	94.8	96.4	96.8	96.9	98.0	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

STATION  
13047

STATION NAME  
KANSAS CITY INTL MO

YEARS  
74-81

MONTH  
MAY

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	44.6	48.3	48.7	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 18000 ≥ 16000	49.1	53.1	53.6	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 14000 ≥ 12000	49.1	53.1	53.6	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 10000 ≥ 9000	49.2	53.9	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 8000 ≥ 7000	50.7	55.9	56.6	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 6000 ≥ 5000	52.9	58.3	59.0	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 4500 ≥ 4000	53.9	59.7	60.5	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 3500 ≥ 3000	54.4	60.3	61.6	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 2500 ≥ 2000	55.3	61.2	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 1800 ≥ 1500	55.5	62.1	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 1200 ≥ 1000	55.6	62.6	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 900 ≥ 800	56.7	64.0	65.5	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 700 ≥ 600	58.2	65.9	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 500 ≥ 400	60.5	69.2	70.8	71.1	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 300 ≥ 200	61.4	71.0	72.7	73.0	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 180 ≥ 150	63.7	74.6	76.7	77.2	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 120 ≥ 100	64.8	75.9	78.2	78.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 90 ≥ 80	67.2	79.3	81.7	82.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 70 ≥ 60	68.5	82.3	84.8	85.8	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 50 ≥ 40	68.7	82.5	85.5	86.6	88.3	88.4	88.7	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 30 ≥ 20	69.0	83.1	86.3	87.5	89.4	89.8	90.2	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 10 ≥ 0	69.3	83.6	87.0	88.3	90.5	91.0	91.5	91.5	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 5 ≥ 0	69.1	83.7	87.1	88.6	90.7	91.3	92.2	92.7	92.7	93.0	93.1	93.1	93.4	93.4	93.4	93.4
≥ 2 ≥ 0	69.1	83.9	87.2	88.7	91.1	91.8	93.0	93.7	93.7	94.1	94.2	94.2	94.5	94.5	94.5	94.5
≥ 1 ≥ 0	69.4	84.1	87.5	89.1	91.7	92.5	94.1	95.4	95.7	96.4	96.6	96.6	96.9	96.9	96.9	96.9
≥ 0 ≥ 0	69.4	84.3	87.6	89.4	91.9	92.7	94.4	95.7	96.1	96.8	97.2	97.2	97.6	97.6	97.6	97.6
≥ 0 ≥ 0	69.4	84.3	87.6	89.4	91.9	92.7	94.5	96.0	96.4	97.3	97.8	97.8	98.3	98.3	98.3	98.4
≥ 0 ≥ 0	69.4	84.3	87.6	89.4	91.9	92.7	94.5	96.0	96.4	97.6	98.1	98.1	99.2	99.2	99.3	99.6
≥ 0 ≥ 0	69.4	84.3	87.6	89.4	91.9	92.7	94.5	96.0	96.4	97.6	98.1	98.1	99.3	99.3	99.6	100.0
≥ 0 ≥ 0	69.4	84.3	87.6	89.4	91.9	92.7	94.5	96.0	96.4	97.6	98.1	98.1	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

74-47

KANSAS CITY INTL MO

74-81

MAR

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 2000	47.4	51.1	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 1800 ≥ 1700	54.2	57.3	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 1600 ≥ 1500	54.4	57.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 1400 ≥ 1300	54.7	57.8	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1200 ≥ 1100	55.6	59.0	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 1000 ≥ 900	57.1	60.8	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 800 ≥ 700	58.2	62.0	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 600 ≥ 500	58.9	62.9	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 450 ≥ 400	59.4	63.6	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 350 ≥ 300	59.9	64.5	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 250 ≥ 200	60.6	65.9	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 180 ≥ 150	61.4	67.2	68.5	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 120 ≥ 100	62.8	69.0	70.3	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 90 ≥ 80	64.4	71.5	73.0	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 70 ≥ 60	66.4	74.5	76.1	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 50 ≥ 40	69.0	78.4	80.0	80.5	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 30 ≥ 20	69.4	79.0	80.6	81.3	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 10 ≥ 0	71.6	82.7	84.3	85.1	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1000 ≥ 900	72.8	84.7	87.0	88.3	88.7	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 800 ≥ 700	73.4	85.5	87.9	89.5	90.1	90.6	91.0	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3
≥ 600 ≥ 500	73.4	86.0	88.4	90.5	91.0	91.5	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3
≥ 400 ≥ 300	73.4	86.2	89.1	91.3	91.9	92.6	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5
≥ 200 ≥ 100	73.4	86.2	89.2	91.4	92.2	93.3	94.5	94.9	94.9	94.9	94.9	95.3	95.3	95.4	95.4	95.4
≥ 100 ≥ 0	73.4	86.2	89.2	91.5	92.5	93.5	95.0	95.4	95.4	95.4	95.6	96.0	96.0	96.4	96.4	96.4
≥ 50 ≥ 0	73.4	86.3	89.4	91.7	92.6	93.8	95.3	96.2	96.4	96.4	96.8	97.2	97.2	97.6	97.6	97.6
≥ 30 ≥ 0	73.4	86.3	89.4	91.8	92.7	94.0	95.6	96.5	96.6	96.6	97.0	97.4	97.4	98.1	98.1	98.1
≥ 10 ≥ 0	73.4	86.3	89.4	91.8	92.7	94.0	95.7	96.6	96.8	96.8	97.4	97.8	98.0	98.9	98.9	98.9
≥ 0 ≥ 0	73.4	86.3	89.4	91.9	92.9	94.1	95.8	96.8	96.9	96.9	97.7	98.1	98.3	99.2	99.3	99.6
≥ 0 ≥ 0	73.4	86.3	89.4	91.9	92.9	94.1	95.8	96.8	96.9	96.9	97.7	98.1	98.3	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

## CEILING VERSUS VISIBILITY

43947

KANSAS CITY INTL MO

74-81

MAC

STATION

STATION NAME

4444

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000

MOHRA (LAT)

[illegible]

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIF WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3347  
STATION

KANSAS CITY INTL MU  
STATION NAME

74-81  
YEARS

MAP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	57.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 18000	59.5	61.0	61.0	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 16000	59.5	61.0	61.0	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 14000	59.9	61.4	61.4	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 12000	61.3	62.8	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	62.6	64.4	64.5	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 9000	63.6	65.3	65.5	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000	65.3	67.1	67.2	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 7000	66.7	68.8	69.0	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	67.9	69.8	69.9	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 5000	68.3	70.4	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4500	69.4	71.8	72.0	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4000	70.6	73.7	74.1	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3500	71.6	74.7	75.1	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000	72.7	76.5	76.9	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2500	74.2	78.2	78.6	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2000	76.9	81.2	81.7	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1800	78.1	82.7	83.2	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1500	80.5	86.0	86.8	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1200	82.3	88.2	89.1	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	82.9	89.1	90.3	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	83.1	89.5	90.9	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 800	83.7	90.3	91.9	94.0	94.2	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 700	83.7	90.3	92.1	94.1	94.8	95.0	95.0	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600	83.7	90.5	92.2	94.5	95.4	95.7	95.8	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	83.7	90.6	92.3	95.3	96.2	96.5	96.6	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	83.7	90.6	92.3	95.3	96.5	96.8	97.3	97.4	97.4	98.1	98.1	98.1	98.3	98.3	98.3	98.3
≥ 300	83.7	90.6	92.3	95.3	96.6	96.9	97.4	97.6	97.6	98.5	98.7	98.7	98.8	98.8	98.8	98.8
≥ 200	83.7	90.6	92.3	95.3	96.6	96.9	97.4	97.6	97.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9
≥ 100	83.7	90.6	92.3	95.3	96.6	96.9	97.4	97.6	97.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9
≥ 0	83.7	90.6	92.3	95.3	96.6	96.9	97.4	97.6	97.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1347

KANSAS CITY INTL MO

74-81

MA

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 2000	47.3	51.0	51.6	51.9	51.9	51.9	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 1800	52.0	55.4	56.1	56.5	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 1600	52.1	55.5	56.2	56.6	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 1400	52.1	55.5	56.2	56.6	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 1200	52.4	55.9	56.6	57.0	57.1	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 1000	53.7	57.5	58.3	58.7	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 800	55.3	59.4	60.2	60.6	60.7	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 600	56.6	60.7	61.5	62.0	62.1	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 400	57.7	61.9	62.8	63.3	63.5	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 200	59.0	63.4	64.4	65.0	65.2	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 100	59.9	64.4	65.4	66.0	66.3	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 50	60.8	65.5	66.5	67.1	67.4	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 25	61.7	66.6	67.7	68.3	68.6	68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 12.5	62.8	68.1	69.2	69.7	70.1	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 6.25	63.8	69.3	70.4	71.0	71.3	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 3.125	65.3	71.4	72.6	73.2	73.6	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1.5625	66.7	73.2	74.5	75.2	75.6	75.7	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 0.78125	68.7	75.7	77.3	78.1	78.7	78.8	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 0.390625	69.5	76.9	78.5	79.5	80.1	80.2	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 0.1953125	71.7	80.1	81.9	83.2	83.9	84.0	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 0.09765625	73.0	82.3	84.3	85.8	86.6	86.8	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 0.048828125	73.9	83.5	85.8	87.5	88.4	88.7	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.5	89.5	89.5
≥ 0.0244140625	74.1	83.9	86.3	88.2	89.1	89.5	90.1	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 0.01220703125	74.3	84.5	87.0	89.1	90.2	90.6	91.3	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 0.006103515625	74.5	84.8	87.6	89.8	91.0	91.6	92.6	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3
≥ 0.0030517578125	74.5	85.0	87.9	90.2	91.6	92.3	93.4	93.7	93.8	94.0	94.1	94.1	94.3	94.3	94.3	94.3
≥ 0.00152587890625	74.7	85.3	88.3	90.9	92.3	93.1	94.4	95.1	95.2	95.6	95.8	95.8	96.0	96.0	96.1	96.1
≥ 0.000762939453125	74.7	85.4	88.5	91.1	92.7	93.5	94.9	95.7	95.9	96.4	96.6	96.6	96.9	96.9	96.9	96.9
≥ 0.0003814697265625	74.7	85.4	88.5	91.2	92.9	93.7	95.3	96.3	96.4	96.5	97.5	97.8	97.9	98.6	98.6	98.8
≥ 0.00019073486328125	74.7	85.4	88.5	91.2	92.9	93.7	95.3	96.4	96.6	97.5	97.9	97.9	98.7	98.8	99.1	99.5
≥ 0.000095367431640625	74.7	85.4	88.5	91.2	92.9	93.7	95.3	96.4	96.6	97.5	97.9	97.9	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 5950

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3047

KANSAS CITY INTL MO

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	52.1	54.3	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 18000 ≥ 17000	55.4	57.6	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 14000 ≥ 12000	55.8	58.1	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 10000 ≥ 9000	59.6	61.8	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 8000 ≥ 7000	64.7	67.4	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 6000 ≥ 5000	70.0	73.2	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4500 ≥ 4000	71.4	74.6	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3500 ≥ 3000	74.3	77.8	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2500 ≥ 2000	77.8	81.8	82.8	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800 ≥ 1500	87.1	84.4	85.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1200 ≥ 1000	83.6	88.9	90.4	91.4	91.4	91.4	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900 ≥ 800	85.0	91.7	93.2	94.3	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 700 ≥ 600	85.4	92.6	94.3	95.7	95.7	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500 ≥ 400	86.0	93.2	95.1	96.5	96.7	96.7	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 300 ≥ 200	86.0	93.6	96.4	98.2	98.6	98.6	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100 ≥ 0	86.0	93.6	96.4	98.2	98.6	98.6	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 72

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

1947

KANSAS CITY INTL MO

74-81

APR

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-05  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
NO CEILING ≥ 2000	47.9	50.0	50.7	51.1	51.5	51.5	51.7	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9
≥ 1800 ≥ 1700	51.4	53.8	54.4	54.9	55.3	55.3	55.4	55.4	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7
≥ 1600 ≥ 1500	51.4	53.8	54.4	54.9	55.3	55.3	55.4	55.4	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7
≥ 1400 ≥ 1300	52.1	54.4	55.1	55.6	56.0	56.0	56.1	56.1	56.1	56.1	56.4	56.4	56.4	56.4	56.4	56.4
≥ 1200 ≥ 1100	53.6	56.0	56.7	57.1	57.5	57.5	57.6	57.6	57.6	57.6	57.9	57.9	57.9	57.9	57.9	57.9
≥ 1000 ≥ 900	55.3	58.2	58.9	59.3	59.7	59.7	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1
≥ 800 ≥ 700	58.8	61.3	61.9	62.4	62.8	62.8	62.9	62.9	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2
≥ 600 ≥ 500	61.3	64.2	64.9	65.3	65.7	65.7	65.8	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1
≥ 450 ≥ 400	63.2	66.4	67.1	67.5	67.9	67.9	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3
≥ 350 ≥ 300	65.1	68.8	69.4	69.9	70.3	70.3	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7
≥ 250 ≥ 200	66.5	70.3	71.0	71.4	71.8	71.8	71.9	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2
≥ 180 ≥ 150	68.3	72.1	72.8	73.2	73.6	73.6	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0
≥ 120 ≥ 100	69.7	73.5	74.3	74.7	75.1	75.1	75.3	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6
≥ 90 ≥ 80	71.9	75.8	76.7	77.1	77.5	77.5	77.6	77.6	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9
≥ 70 ≥ 60	73.3	77.5	78.6	79.0	79.4	79.4	79.6	79.6	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9
≥ 50 ≥ 40	75.8	80.0	81.3	81.7	82.1	82.1	82.2	82.2	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5
≥ 30 ≥ 20	77.9	82.4	83.6	84.0	84.4	84.4	84.6	84.6	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9
≥ 18 ≥ 15	78.6	83.1	84.3	84.9	85.3	85.3	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8
≥ 12 ≥ 10	79.9	84.7	86.0	86.8	87.2	87.2	87.5	87.5	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8
≥ 9 ≥ 8	82.2	87.2	88.5	89.3	89.7	89.7	90.0	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7 ≥ 6	83.8	88.9	90.1	91.0	91.4	91.4	91.8	91.8	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1
≥ 5 ≥ 4	83.9	89.2	90.8	91.7	92.1	92.1	92.5	92.5	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3 ≥ 2	84.2	89.9	91.7	92.5	92.9	92.9	93.3	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1 ≥ 0	84.3	90.7	93.2	94.0	94.4	94.4	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1
≥ 0	84.4	91.0	94.0	94.9	95.3	95.3	95.8	95.8	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3
≥ 0	84.4	91.1	94.3	95.3	95.8	96.1	96.7	96.7	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1
≥ 0	84.4	91.1	94.7	96.1	96.7	96.9	97.5	97.6	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0	84.4	91.1	94.7	96.3	97.2	97.5	98.2	98.3	98.3	98.3	98.8	99.0	99.0	99.0	99.0	99.0
≥ 0	84.4	91.1	94.7	96.3	97.2	97.5	98.2	98.3	98.3	98.3	98.8	99.0	99.0	99.0	99.0	99.0
≥ 0	84.4	91.1	94.7	96.3	97.2	97.5	98.2	98.3	98.3	98.3	98.8	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS

AD-A113 179

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
KANSAS CITY IAP, MISSOURI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(1)  
DEC 81

UNCLASSIFIED

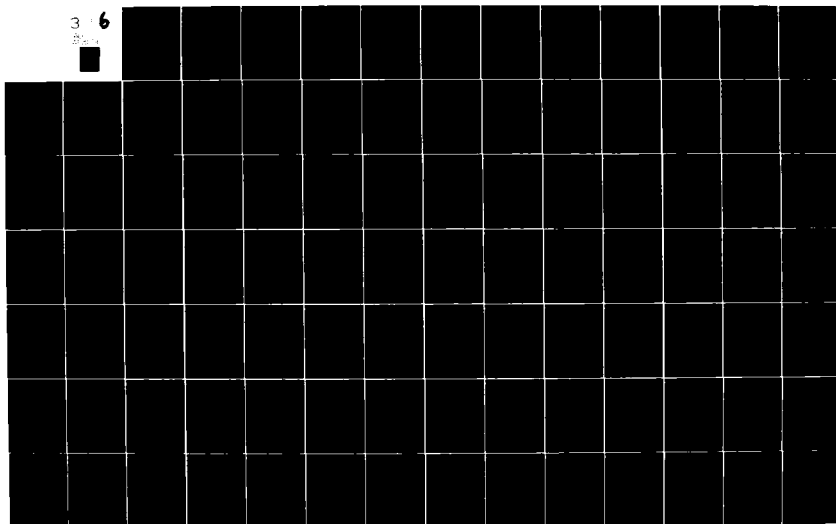
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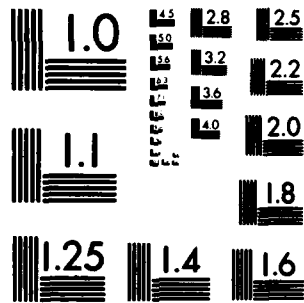
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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7947  
STATION

KANSAS CITY INTL MO  
STATION NAME

74-81  
YEARS

APD  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	39.6	43.9	46.1	47.1	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.3
≥ 20000	43.9	48.9	51.8	52.8	53.6	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.2
≥ 18000	44.3	49.3	52.2	53.2	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.6
≥ 6000	44.3	49.3	52.2	53.2	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.6
≥ 14000	45.3	50.3	53.2	54.2	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.6
≥ 12000	46.0	51.5	54.4	55.4	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.8
≥ 10000	47.2	53.9	56.8	57.8	58.6	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	59.2
≥ 9000	49.3	55.4	58.5	59.4	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.8
≥ 8000	50.8	57.5	60.7	61.7	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.1
≥ 7000	53.5	60.6	63.8	64.7	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.1
≥ 6000	55.1	62.8	66.0	66.9	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.3
≥ 5000	55.3	63.8	67.1	68.1	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.4
≥ 4500	56.5	65.3	68.6	69.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.1
≥ 4000	57.6	66.7	70.0	71.1	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.9
≥ 3500	58.5	67.5	71.0	72.1	73.3	73.3	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	74.0
≥ 3000	60.1	69.6	73.5	74.7	76.0	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.7
≥ 2500	61.8	71.5	75.6	76.8	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.8
≥ 2000	64.7	74.7	78.8	80.1	81.4	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.2
≥ 1800	65.3	75.7	79.7	81.1	82.4	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.3
≥ 1500	66.4	77.9	82.1	83.6	85.1	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.3
≥ 1200	66.8	79.3	84.2	85.7	87.9	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.0
≥ 1000	67.5	80.7	85.8	87.6	89.9	90.3	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.3
≥ 900	67.5	81.1	86.3	88.1	90.3	90.8	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.8
≥ 800	67.5	81.3	86.4	88.5	90.8	91.4	91.8	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.6
≥ 700	67.5	81.4	86.5	89.0	91.7	92.2	92.6	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.8
≥ 600	67.5	81.5	86.7	89.2	91.9	92.6	93.1	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.3
≥ 500	67.5	81.5	86.8	89.6	92.5	93.6	94.7	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	96.3
≥ 400	67.5	81.5	86.8	89.9	92.9	94.0	95.7	96.3	96.4	96.5	96.7	96.7	96.7	96.7	96.7	97.4
≥ 300	67.5	81.5	86.8	90.0	93.1	94.9	96.8	97.4	97.5	97.9	98.1	98.1	98.1	98.1	98.1	98.8
≥ 200	67.5	81.5	86.8	90.0	93.1	94.9	96.8	97.5	97.6	98.1	98.2	98.2	98.2	98.3	98.3	99.0
≥ 100	67.5	81.5	86.8	90.0	93.1	94.9	96.8	97.5	97.6	98.1	98.2	98.2	98.3	98.6	98.6	99.6
≥ 0	67.5	81.5	86.8	90.0	93.1	94.9	96.8	97.5	97.6	98.1	98.2	98.2	98.3	98.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13547  
STATION

KANSAS CITY INTL MO  
STATION NAME

74-81  
YEARS

APP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

3900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ .06	≥ .0
NO CEILING	43.3	47.5	48.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	46.1	50.8	51.8	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 18000	46.1	50.8	51.8	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000	46.1	50.8	51.8	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 14000	46.1	50.8	51.8	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	47.5	52.6	53.6	54.4	54.4	54.4	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 10000	51.5	56.8	57.8	58.6	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 9000	52.2	57.8	58.8	59.6	59.7	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 8000	53.5	59.4	60.8	61.7	61.8	61.8	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 7000	54.9	61.7	63.1	64.0	64.3	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 6000	57.2	64.0	65.4	66.4	66.7	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 5000	58.1	65.0	66.4	67.4	67.6	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 4500	58.6	65.8	67.4	68.5	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4000	59.2	66.9	68.6	69.7	70.0	70.0	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 3500	59.9	67.6	69.3	70.6	71.0	71.0	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 3000	61.3	69.7	71.4	72.8	73.3	73.3	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 2500	64.2	73.2	75.0	76.5	77.1	77.1	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 2000	66.1	76.3	78.3	80.1	80.7	80.7	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1800	66.7	76.9	79.3	81.3	81.8	81.8	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1500	67.6	79.2	81.9	84.4	85.1	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200	68.8	81.8	85.3	87.9	88.6	88.8	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1000	68.8	82.1	86.0	89.3	90.1	90.3	90.4	90.8	90.8	91.1	91.1	91.1	91.4	91.4	91.4	91.4
≥ 900	68.9	82.2	86.1	89.9	91.0	91.1	91.3	91.7	91.7	91.9	91.9	91.9	92.2	92.2	92.2	92.2
≥ 800	68.9	82.4	86.4	90.3	91.8	91.9	92.1	92.6	92.8	93.1	93.1	93.1	93.3	93.3	93.3	93.3
≥ 700	68.9	82.4	86.7	91.0	92.9	93.5	93.6	94.3	94.4	94.7	94.7	94.7	95.0	95.0	95.0	95.0
≥ 600	68.9	82.6	86.9	91.4	93.5	94.0	94.7	95.4	95.6	95.8	95.8	95.8	96.1	96.1	96.1	96.1
≥ 500	68.9	82.6	87.5	92.2	94.6	95.3	96.3	96.9	97.2	97.5	97.5	97.5	97.8	97.8	97.8	97.8
≥ 400	68.9	82.6	87.5	92.2	94.7	95.6	96.7	97.4	97.6	98.1	98.1	98.1	98.3	98.3	98.3	98.3
≥ 300	68.9	82.6	87.5	92.2	94.7	95.6	96.9	97.9	98.2	98.8	98.8	98.8	99.0	99.0	99.0	99.0
≥ 200	68.9	82.6	87.5	92.2	94.7	95.6	96.9	98.1	98.3	99.2	99.2	99.2	99.9	99.9	99.9	99.9
≥ 100	68.9	82.6	87.5	92.2	94.7	95.6	96.9	98.1	98.3	99.2	99.2	99.2	99.9	99.9	100.0	100.0
≥ 0	68.9	82.6	87.5	92.2	94.7	95.6	96.9	98.1	98.3	99.2	99.2	99.2	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17547

KANSAS CITY INTL MO

74-81

APR

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	44.2	47.1	47.6	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 20000	48.1	51.3	51.8	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 18000	48.1	51.3	51.8	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 16000	48.1	51.3	51.8	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 14000	48.6	51.8	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000	50.7	55.0	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 10000	52.8	57.2	57.8	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 9000	53.3	57.8	58.5	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 8000	54.6	59.6	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 7000	55.7	60.8	61.5	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 6000	56.9	62.2	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 5000	58.1	63.6	64.6	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 4500	60.0	65.8	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4000	61.7	67.9	69.0	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 3500	62.6	68.9	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 3000	67.1	74.9	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2500	69.9	78.9	80.4	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2000	72.4	83.2	85.1	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	72.8	83.9	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	74.7	86.5	89.0	89.9	90.4	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	74.4	87.8	90.7	91.5	92.2	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1000	74.6	88.1	91.3	92.9	93.8	93.8	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	74.6	88.5	91.9	93.6	94.4	94.4	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	74.6	88.6	92.1	94.2	95.1	95.1	95.3	95.8	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0
≥ 700	74.7	89.0	92.5	94.6	95.7	95.8	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8
≥ 600	74.7	89.2	92.6	94.7	95.8	96.0	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9
≥ 500	75.0	89.7	93.5	95.6	96.8	96.9	97.4	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 400	75.1	90.3	94.0	96.1	97.5	97.9	98.8	99.4	99.4	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 300	75.1	90.3	94.0	96.1	97.5	97.9	98.8	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	75.1	90.3	94.0	96.1	97.5	97.9	98.8	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	75.1	90.3	94.0	96.1	97.5	97.9	98.8	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	75.1	90.3	94.0	96.1	97.5	97.9	98.8	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 722

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION  
7447

STATION NAME  
KANSAS CITY INTL MO

YEARS  
74-81

MONTH  
APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 25000	45.1	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 18000	49.9	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 16000	49.9	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 14000	50.3	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 12000	52.0	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 10000	54.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 9000	54.5	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 8000	55.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 7000	57.6	63.8	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 6000	58.4	64.8	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 5000	60.9	67.6	67.7	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 4500	63.6	70.7	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4000	66.6	74.1	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3500	68.4	77.1	77.2	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3000	70.2	81.4	81.1	81.2	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2500	72.2	83.3	84.3	84.6	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2000	74.1	86.9	88.0	88.3	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	74.5	87.8	88.9	89.2	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	75.0	89.4	90.7	91.0	91.2	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1200	75.2	90.4	91.9	92.1	92.5	92.8	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1000	75.4	91.0	92.5	93.2	93.6	93.9	94.7	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	75.5	91.7	93.2	93.9	94.3	94.6	95.4	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	75.7	92.4	94.0	95.1	95.5	95.8	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	75.7	92.5	94.2	95.3	95.7	96.0	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	75.7	92.6	94.3	95.5	96.1	96.4	97.5	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	75.7	92.8	94.7	96.0	96.8	97.1	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	75.7	92.8	94.7	96.0	96.8	97.1	98.5	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	75.7	92.8	94.7	96.0	96.8	97.1	98.5	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	75.7	92.8	94.7	96.0	96.8	97.1	98.6	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	75.7	92.8	94.7	96.0	96.8	97.1	98.6	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	75.7	92.8	94.7	96.0	96.8	97.1	98.6	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

03947

KANSAS CITY INTL MO

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.9	51.9	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	53.9	57.5	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000	54.3	57.9	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 16000	54.3	57.9	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 14000	55.3	58.9	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 12000	56.9	60.6	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	58.9	62.9	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 9000	60.3	64.4	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 8000	62.2	67.1	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 7000	63.2	68.2	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 6000	65.0	70.0	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 5000	68.8	74.2	74.6	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	70.6	76.1	76.7	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4000	73.5	79.7	80.3	80.4	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3500	74.4	80.8	81.5	81.8	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	76.0	83.3	84.2	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2500	77.4	86.1	87.2	87.6	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2000	78.1	87.5	88.8	89.3	89.6	89.7	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	78.2	87.9	89.2	89.7	90.0	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1500	79.2	89.9	91.1	91.9	92.4	92.5	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	79.7	90.6	91.8	92.9	93.3	93.5	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1000	80.3	91.5	93.1	94.7	95.1	95.3	95.6	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	80.7	92.2	94.0	95.8	96.4	96.5	96.8	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	80.7	92.5	94.3	96.3	96.9	97.1	97.4	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	80.8	92.6	94.4	96.4	97.1	97.2	97.6	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	80.8	92.9	94.7	96.7	97.4	97.5	98.1	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	80.8	93.2	95.0	96.9	97.6	97.8	98.3	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	80.8	93.3	95.1	97.1	97.9	98.1	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	80.8	93.3	95.1	97.1	97.9	98.1	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	80.8	93.3	95.1	97.1	97.9	98.1	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	80.8	93.3	95.1	97.1	97.9	98.1	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	80.8	93.3	95.1	97.1	97.9	98.1	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 722

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

03547

KANSAS CITY INTL MO

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO RECORD	56.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 2000	59.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 1800	59.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 1600	59.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 1400	59.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 1200	60.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 1000	63.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 900	65.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 800	67.9	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 700	68.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 600	70.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 500	73.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 450	75.1	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 400	77.2	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 350	77.5	81.3	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 300	80.1	84.0	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 250	81.4	86.0	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 200	83.2	89.0	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	83.3	89.6	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1600	83.9	90.4	91.4	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1400	85.3	91.9	92.9	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	86.5	93.8	94.7	95.4	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	86.7	93.9	94.9	95.6	95.7	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	86.7	94.0	95.0	95.8	96.0	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	86.7	94.0	95.0	95.8	96.0	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	86.9	94.4	95.4	96.3	96.4	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	87.1	94.6	95.6	96.8	97.2	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	87.1	94.7	95.7	96.9	97.4	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	87.1	94.7	95.8	97.2	98.2	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 300	87.1	94.7	96.0	97.4	98.3	98.3	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 200	87.1	94.7	96.0	97.4	98.5	98.5	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 100	87.1	94.7	96.0	97.4	98.5	98.5	99.2	99.4	99.4	99.6	99.7	99.7	99.7	100.0	100.0	100.0
≥ 0	87.1	94.7	96.0	97.4	98.5	98.5	99.2	99.4	99.4	99.6	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03947

KANSAS CITY INTL MO

74-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	47.2	53.3	57.9	51.2	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 18000	51.0	54.5	55.2	55.5	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9
≥ 16000	51.1	54.6	55.3	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0
≥ 14000	51.7	55.2	55.9	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
≥ 12000	53.0	56.8	57.5	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2
≥ 10000	55.5	59.4	60.2	60.5	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9
≥ 9000	57.0	61.1	61.9	62.2	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6
≥ 8000	58.9	63.5	64.4	64.7	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 7000	60.3	65.3	66.2	66.6	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 6000	62.1	67.2	68.1	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
≥ 5000	63.9	69.3	70.2	70.6	70.8	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4500	65.5	71.1	72.1	72.5	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0
≥ 4000	67.4	73.3	74.4	74.9	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4
≥ 3500	68.4	74.6	75.7	76.2	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8
≥ 3000	70.6	77.5	78.8	79.4	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	72.5	80.1	81.6	82.3	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0
≥ 2000	74.5	83.0	84.7	85.5	85.9	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800	74.9	83.7	85.4	86.3	86.7	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	76.0	85.6	87.5	88.6	89.1	89.2	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1200	77.3	87.2	89.4	90.6	91.2	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 1000	77.7	88.3	90.7	92.2	92.8	92.9	93.2	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.7
≥ 900	77.8	88.8	91.3	92.8	93.6	93.7	94.0	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 800	77.9	89.1	91.7	93.4	94.3	94.4	94.7	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 700	78.0	89.5	92.2	94.0	94.9	95.2	95.5	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1
≥ 600	78.1	89.7	92.5	94.4	95.5	95.7	96.2	96.5	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8
≥ 500	78.2	89.9	92.8	94.9	96.0	96.4	97.0	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 400	78.2	90.0	93.1	95.3	96.6	97.0	97.8	98.3	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.7
≥ 300	78.2	90.0	93.2	95.4	96.8	97.2	98.3	98.8	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.4
≥ 200	78.2	90.0	93.2	95.4	96.8	97.3	98.3	98.9	99.0	99.3	99.3	99.4	99.4	99.5	99.5	99.7
≥ 100	78.2	90.0	93.2	95.4	96.8	97.3	98.3	98.9	99.0	99.3	99.4	99.4	99.6	99.7	99.7	99.8
≥ 0	78.2	90.0	93.2	95.4	96.8	97.3	98.3	98.9	99.0	99.3	99.4	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5759

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

3947  
STATION

KANSAS CITY INTL MO  
STATION NAME

74-81  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	56.3 61.2	58.7 64.0	59.8 65.1	60.6 65.9	60.8 66.1	60.8 66.0	60.8 66.0	61.0 66.3	61.0 66.3	61.0 66.3	61.0 66.3	61.0 66.3	61.0 66.3	61.0 66.3	61.0 66.3	61.2 66.5
≥ 18000 IV 18000	61.3 61.3	64.1 64.1	65.2 65.2	66.0 66.0	66.1 66.1	66.1 66.1	66.1 66.1	66.4 66.4	66.4 66.4	66.4 66.4	66.4 66.4	66.4 66.4	66.4 66.4	66.4 66.4	66.4 66.4	66.5 66.7
≥ 14000 IV 12000	62.0 62.5	64.8 65.5	65.9 66.7	67.1 67.9	67.2 68.0	67.2 68.0	67.2 68.0	67.5 68.3	67.5 68.3	67.5 68.3	67.5 68.3	67.5 68.3	67.5 68.3	67.5 68.3	67.5 68.3	67.7 68.5
≥ 10000 IV 9000	66.3 67.6	69.4 70.7	70.6 71.9	71.8 73.1	71.9 73.3	71.9 73.3	71.9 73.3	72.2 73.5	72.2 73.5	72.2 73.5	72.2 73.5	72.2 73.5	72.2 73.5	72.2 73.5	72.2 73.5	72.4 73.8
≥ 8000 IV 7000	70.0 71.6	73.4 75.5	75.0 77.2	76.2 78.4	76.3 79.5	76.3 78.5	76.3 78.5	76.6 78.8	76.6 78.8	76.6 78.8	76.6 78.8	76.6 78.8	76.6 78.8	76.6 78.8	76.6 78.8	76.9 79.0
≥ 6000 IV 5000	73.4 73.9	77.4 78.1	79.2 79.8	80.4 81.0	80.5 81.2	80.5 81.2	80.5 81.2	80.8 81.5	80.8 81.5	80.8 81.5	80.8 81.5	80.8 81.5	80.8 81.5	80.8 81.5	80.8 81.5	81.0 81.7
≥ 4500 IV 4000	74.6 76.1	79.0 81.0	80.8 82.9	82.3 84.7	82.4 84.8	82.4 84.8	82.4 84.8	82.7 85.1	82.7 85.1	82.7 85.1	82.7 85.1	82.7 85.1	82.7 85.1	82.7 85.1	82.7 85.1	82.9 85.3
≥ 3500 IV 3000	76.6 78.2	82.0 84.1	83.9 86.0	85.6 87.8	85.8 87.9	85.8 87.9	85.8 87.9	86.0 88.2	86.0 88.2	86.0 88.2	86.0 88.2	86.0 88.2	86.0 88.2	86.0 88.2	86.0 88.2	86.3 88.4
≥ 2500 IV 2000	79.4 80.9	86.0 87.6	88.2 89.9	89.9 91.7	90.2 91.9	90.2 91.9	90.2 91.9	90.5 92.2	90.5 92.2	90.5 92.2	90.5 92.2	90.5 92.2	90.5 92.2	90.5 92.2	90.5 92.2	90.7 92.5
≥ 1800 IV 1500	80.9 81.3	87.8 88.4	90.1 91.0	91.8 92.7	92.1 93.0	92.1 93.0	92.1 93.0	92.3 93.3	92.3 93.3	92.3 93.3	92.3 93.3	92.3 93.3	92.3 93.3	92.3 93.3	92.3 93.3	92.6 93.5
≥ 1200 IV 1000	82.0 82.1	89.2 89.5	91.8 92.2	93.5 94.1	94.0 94.6	94.0 94.6	94.0 94.6	94.2 95.0	94.2 95.0	94.2 95.0	94.2 95.0	94.2 95.0	94.2 95.0	94.2 95.0	94.2 95.0	94.5 95.3
≥ 900 IV 800	82.1 82.1	89.5 89.5	92.2 92.3	94.1 94.5	94.6 95.0	94.6 95.0	94.6 95.0	95.0 95.2	95.0 95.4	95.0 95.4	95.0 95.4	95.0 95.4	95.0 95.4	95.0 95.4	95.0 95.4	95.3 95.7
≥ 700 IV 600	82.1 82.3	89.5 89.8	92.6 92.9	94.9 95.3	95.4 95.8	95.6 96.0	95.7 96.1	96.0 96.4	96.0 96.4	96.0 96.4	96.0 96.4	96.0 96.4	96.0 96.4	96.0 96.4	96.0 96.4	96.2 96.6
≥ 500 IV 400	82.5 82.5	90.3 90.3	93.5 93.8	96.0 96.4	96.5 97.0	96.6 97.4	96.8 97.7	97.0 98.0	97.0 98.0	97.0 98.0	97.0 98.0	97.0 98.0	97.0 98.0	97.0 98.0	97.0 98.0	97.3 98.3
≥ 300 IV 200	82.5 82.5	90.3 90.3	93.8 93.8	96.5 96.6	97.3 97.4	97.7 97.8	98.0 98.3	98.3 98.5	98.3 98.5	98.3 98.7	98.3 98.8	98.3 98.8	98.3 98.8	98.3 98.8	98.3 98.8	98.7 99.2
≥ 100 IV 0	82.5 82.5	90.3 90.3	93.8 93.8	96.6 96.6	97.4 97.4	97.8 97.8	98.3 98.3	98.7 98.7	98.7 98.7	98.9 98.9	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.7 100.0

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7547

KANSAS CITY INTL MO

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3306-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	49.1	52.4	53.5	55.4	55.9	55.9	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	57.0	57.3
≥ 20000	53.2	58.5	59.8	61.8	62.4	62.4	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.4	63.7
≥ 18000	53.6	58.9	60.2	62.2	62.8	62.8	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.8	64.1
≥ 16000	53.6	58.9	60.2	62.2	62.8	62.8	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.8	64.1
≥ 14000	54.2	59.5	60.9	63.0	63.6	63.6	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.4	64.8	65.2
≥ 12000	55.6	61.8	63.4	65.7	66.3	66.3	66.8	66.8	66.8	66.9	66.9	66.9	66.9	67.1	67.5	67.9
≥ 10000	58.6	65.1	66.8	69.1	69.6	69.6	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.4	70.8	71.2
≥ 9000	59.9	66.7	68.4	70.7	71.2	71.2	71.8	71.8	71.8	71.9	71.9	71.9	71.9	72.0	72.4	72.8
≥ 8000	62.5	69.6	71.5	74.2	74.7	74.7	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.5	75.9	76.3
≥ 7000	63.4	71.0	73.0	75.7	76.3	76.3	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.2	77.6	78.0
≥ 6000	64.1	71.9	73.9	76.6	77.3	77.3	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.1	78.5	78.9
≥ 5000	65.3	73.3	75.4	78.2	78.9	78.9	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.7	80.1	80.5
≥ 4500	66.1	74.1	76.3	79.4	80.1	80.1	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.9	81.3	81.7
≥ 4000	67.6	75.7	78.1	81.5	82.1	82.1	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.9	83.3	83.7
≥ 3500	68.4	77.2	79.7	83.2	83.9	83.9	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.8	85.2	85.6
≥ 3000	70.0	79.2	81.7	85.2	85.9	85.9	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.8	87.2	87.6
≥ 2500	71.0	80.8	83.7	87.4	88.0	88.0	88.7	88.7	88.7	88.8	88.8	88.8	88.8	89.0	89.4	89.8
≥ 2000	72.3	82.5	85.5	89.1	89.8	89.8	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.7	91.1	91.5
≥ 1800	72.4	82.9	85.9	89.5	90.2	90.2	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.5	91.9
≥ 1500	73.0	83.5	86.7	90.3	91.0	91.0	91.8	91.8	91.8	91.9	91.9	91.9	91.9	92.1	92.5	92.9
≥ 1200	73.5	84.3	87.6	91.3	91.9	91.9	92.7	92.7	92.7	92.9	92.9	92.9	92.9	93.0	93.4	93.8
≥ 1000	73.8	84.7	88.0	91.7	92.3	92.3	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.4	93.8	94.2
≥ 900	73.8	84.7	88.0	91.7	92.3	92.3	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.4	93.8	94.2
≥ 800	73.8	84.9	88.6	92.2	92.9	93.1	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.2	94.6	95.0
≥ 700	73.8	85.1	88.8	92.9	93.7	94.0	94.8	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.4	95.8
≥ 600	73.8	85.5	89.2	93.4	94.2	94.5	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.7	96.1	96.5
≥ 500	74.1	85.8	89.5	94.0	94.9	95.2	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.5	96.9	97.3
≥ 400	74.2	85.9	89.7	94.1	95.3	95.6	96.6	96.6	96.6	96.8	96.8	97.0	97.0	97.4	97.8	98.3
≥ 300	74.3	86.0	89.8	94.4	95.7	96.0	97.0	97.2	97.2	97.4	97.4	97.4	97.4	97.8	98.3	98.7
≥ 200	74.3	86.0	89.8	94.4	95.8	96.1	97.4	97.6	97.6	97.8	97.8	97.8	97.8	98.3	98.8	99.2
≥ 100	74.3	86.0	89.8	94.4	95.8	96.1	97.4	97.6	97.6	97.8	97.8	97.8	97.8	98.4	98.9	99.3
≥ 0	74.3	86.0	89.8	94.4	95.8	96.1	97.4	97.6	97.6	97.8	97.8	97.8	97.8	98.4	98.9	99.3

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03947

KANSAS CITY INTL MO

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	35.9	42.9	45.8	48.0	48.7	49.2	49.9	50.0	50.0	50.1	50.1	50.1	50.3	50.3	50.3	50.5
≥ 20000	41.3	49.9	53.8	55.9	56.6	57.1	57.9	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.6
IN 18000	41.8	50.4	54.3	56.5	57.1	57.7	58.5	58.6	58.6	58.7	58.7	58.7	58.9	58.9	58.9	59.1
IN 16000	41.8	50.4	54.3	56.5	57.1	57.7	58.5	58.6	58.6	58.7	58.7	58.7	58.9	58.9	58.9	59.1
IN 14000	42.5	51.2	55.1	57.4	58.1	58.6	59.4	59.5	59.5	59.7	59.7	59.7	59.8	59.8	59.8	60.1
IN 12000	43.7	53.0	57.0	59.4	60.1	60.6	61.4	61.6	61.6	61.8	61.8	61.8	62.1	62.1	62.1	62.4
IN 10000	45.8	56.0	60.5	63.4	64.1	64.7	65.5	65.6	65.6	65.9	65.9	65.9	66.1	66.1	66.1	66.4
IN 9000	47.4	57.8	62.5	65.7	66.4	66.9	67.7	67.9	67.9	68.1	68.1	68.1	68.4	68.4	68.4	68.7
IN 8000	49.6	60.9	65.7	69.4	70.2	70.8	71.9	72.0	72.0	72.3	72.3	72.3	72.6	72.6	72.6	72.9
IN 7000	50.1	61.7	66.7	70.4	71.5	72.2	73.3	73.4	73.4	73.7	73.7	73.7	73.9	73.9	73.9	74.2
IN 6000	51.3	63.2	68.1	71.9	73.0	73.7	74.7	74.9	74.9	75.1	75.1	75.1	75.4	75.4	75.4	75.7
IN 5000	52.0	64.0	69.0	72.7	73.8	74.5	75.5	75.8	75.8	76.1	76.1	76.1	76.3	76.3	76.3	76.6
IN 4500	52.8	65.1	70.3	74.2	75.4	76.1	77.7	78.0	78.0	78.2	78.2	78.2	78.5	78.5	78.5	78.8
IN 4000	53.6	66.3	72.0	76.2	77.6	78.2	80.0	80.5	80.5	80.8	80.8	80.8	81.0	81.0	81.0	81.3
IN 3500	54.3	67.1	72.8	77.2	78.6	79.3	81.0	81.6	81.6	81.9	81.9	81.9	82.1	82.1	82.1	82.4
IN 3000	54.6	67.6	73.7	78.2	80.0	80.6	82.7	83.2	83.2	83.5	83.5	83.5	83.7	83.7	83.7	84.0
IN 2500	54.8	68.0	74.2	78.8	80.6	81.3	83.7	84.3	84.3	84.5	84.5	84.5	84.8	84.8	84.8	85.1
IN 2000	55.6	69.0	75.3	80.1	82.0	82.8	85.3	86.0	86.0	86.3	86.3	86.3	86.6	86.6	86.6	86.8
IN 1800	55.8	69.4	75.7	80.5	82.4	83.2	85.8	86.4	86.4	86.7	86.7	86.7	87.0	87.0	87.0	87.2
IN 1500	56.0	69.8	76.2	81.3	83.2	84.0	86.7	87.4	87.4	87.8	87.8	87.8	88.0	88.0	88.0	88.3
IN 1200	56.7	70.8	77.4	82.9	84.9	85.9	88.6	89.4	89.4	89.9	89.9	89.9	90.2	90.2	90.2	90.5
IN 1000	56.9	71.2	78.0	83.6	85.8	86.8	89.5	90.3	90.3	90.9	90.9	90.9	91.1	91.1	91.1	91.4
IN 900	57.1	71.8	78.8	84.4	86.8	87.9	90.6	91.4	91.4	91.9	91.9	91.9	92.2	92.2	92.2	92.5
IN 800	57.3	72.4	79.4	85.2	87.6	88.8	91.7	92.5	92.5	93.0	93.0	93.0	93.3	93.3	93.3	93.5
IN 700	57.3	72.6	79.7	85.5	88.6	89.8	93.3	94.1	94.1	94.6	94.6	94.6	94.9	94.9	94.9	95.2
IN 600	57.3	73.0	80.1	85.9	89.0	90.2	94.1	94.9	94.9	95.4	95.4	95.4	95.7	95.7	95.7	96.0
IN 500	57.3	73.0	80.1	85.9	89.1	90.3	94.4	95.2	95.2	96.0	96.0	96.0	96.2	96.2	96.2	96.5
IN 400	57.3	73.1	80.2	86.3	89.9	91.1	95.4	96.2	96.2	97.0	97.0	97.0	97.3	97.3	97.3	97.6
IN 300	57.3	73.1	80.4	86.6	90.2	91.4	95.7	96.5	96.5	97.4	97.4	97.4	97.7	97.7	97.7	98.0
IN 200	57.3	73.1	80.4	86.6	90.2	91.4	95.8	96.6	96.6	97.8	98.0	98.0	98.5	98.5	98.5	98.9
IN 100	57.3	73.1	80.4	86.6	90.2	91.4	95.8	96.6	96.6	97.8	98.1	98.1	98.7	98.7	98.7	99.1
IN 0	57.4	73.3	80.5	86.7	90.3	91.5	96.0	96.8	96.8	98.0	98.3	98.3	98.8	98.8	98.8	99.2

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

3947

KANSAS CITY INTL MO

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	40.4	48.2	49.9	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥2000	46.4	56.3	58.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥1800	46.4	56.3	58.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥1600	46.4	56.3	58.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥1400	47.4	58.0	60.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥1200	48.2	59.6	61.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥1000	49.9	62.2	64.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥900	52.0	65.0	67.0	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥800	53.4	66.8	68.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥700	54.5	68.0	70.3	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥6000	55.7	69.2	71.5	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥5000	56.1	69.6	71.9	74.2	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥4500	56.1	69.6	71.9	74.2	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥4000	56.3	70.4	73.1	75.6	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥3500	57.1	71.3	74.0	76.6	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥3000	59.6	74.2	77.0	79.7	80.3	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥2500	60.4	75.2	78.2	80.9	81.6	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥2000	62.2	77.3	80.2	83.0	83.8	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥1800	63.0	78.6	81.6	84.4	85.2	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥1600	64.5	81.2	84.4	87.2	88.2	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥1200	65.1	82.8	86.5	89.9	91.1	91.4	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥1000	65.4	83.4	87.3	91.0	92.6	92.9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥900	65.4	83.6	87.5	91.8	93.4	93.7	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥800	65.4	83.6	87.6	92.2	93.8	94.1	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2
≥700	65.4	83.6	87.6	92.2	94.1	94.3	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥600	65.4	83.6	87.8	92.3	94.3	94.8	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥500	65.5	83.8	88.0	92.6	94.8	95.2	97.0	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥400	65.7	84.0	88.4	93.0	95.4	95.8	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥300	65.7	84.0	88.6	93.1	95.6	96.0	98.4	98.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥200	65.7	84.0	88.6	93.1	95.6	96.0	98.4	98.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥100	65.7	84.0	88.6	93.1	95.6	96.0	98.4	98.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥0	65.7	84.0	88.6	93.1	95.6	96.0	98.4	98.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

73-47  
STATION

KANSAS CITY INTL MO  
STATION NAME

74-81  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥ 1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 2/3	≥ 2/5	≥ 1/2	≥ 1/3	≥ 1/4
NO CEILING ≥ 20000	42.7	48.4	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 18000 ≥ 17000	47.2	53.6	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000 ≥ 12000	47.4	53.9	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 10000 ≥ 9500	47.6	54.0	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 8000 ≥ 7500	49.7	55.1	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 6000 ≥ 5000	49.3	56.5	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 4500 ≥ 4000	51.6	59.5	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 3500 ≥ 3000	52.7	60.9	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 2500 ≥ 2000	53.5	62.5	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 1800 ≥ 1500	55.4	64.8	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 1200 ≥ 1000	56.7	66.3	67.7	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 900 ≥ 800	57.4	67.6	69.2	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 700 ≥ 600	58.5	69.0	70.7	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 500 ≥ 400	60.6	72.2	74.1	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 300 ≥ 200	63.6	76.2	78.2	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 100 ≥ 0	66.7	80.4	82.4	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
	69.0	83.5	85.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
	71.5	87.2	89.4	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
	72.6	88.3	90.5	91.4	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
	73.0	89.0	91.1	92.2	92.3	92.5	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
	73.1	89.4	91.5	93.0	93.4	93.5	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
	73.5	89.9	92.3	94.2	95.0	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
	73.7	90.1	92.7	94.6	95.4	95.7	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
	73.7	90.1	92.7	94.6	95.6	95.8	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
	73.7	90.1	92.9	94.8	95.8	96.2	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
	73.7	90.1	93.0	95.0	96.1	96.8	96.8	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	73.7	90.1	93.0	95.3	96.9	97.7	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	73.7	90.1	93.4	95.8	97.4	98.4	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	73.7	90.1	93.4	95.8	97.4	98.5	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	73.7	90.1	93.4	95.8	97.4	98.5	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	73.7	90.1	93.4	95.8	97.4	98.5	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFH WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17-47

KANSAS CITY INTL MO

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING ≥ 20000	47.4	52.2	52.8	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 18000 ≥ 15000	52.6	57.5	58.2	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000 ≥ 12000	53.4	58.9	59.5	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 10000 ≥ 9000	54.6	59.9	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000 ≥ 7000	57.3	63.8	64.7	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000 ≥ 5000	59.7	66.7	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4500 ≥ 4000	60.3	68.0	69.0	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 3500 ≥ 3000	61.4	69.5	70.4	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 2500 ≥ 2000	63.6	72.2	73.3	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 1800 ≥ 1500	65.7	75.4	76.5	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 1200 ≥ 1000	67.6	78.1	79.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 900 ≥ 800	70.2	81.2	82.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 700 ≥ 600	72.8	85.3	86.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 500 ≥ 400	74.6	87.8	89.5	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 300 ≥ 200	75.3	89.2	91.0	92.2	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 100 ≥ 0	75.4	89.5	91.3	92.6	92.7	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 100 ≥ 0	75.7	89.8	91.5	93.1	93.3	93.5	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 100 ≥ 0	75.8	90.1	92.1	93.7	94.0	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 100 ≥ 0	75.8	90.2	92.3	94.2	94.5	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 100 ≥ 0	75.8	90.2	92.3	94.4	94.9	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 100 ≥ 0	75.8	90.3	92.5	94.6	95.2	96.0	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 100 ≥ 0	75.8	90.5	92.6	95.0	95.8	96.8	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 100 ≥ 0	75.8	90.5	92.6	95.3	96.4	97.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 100 ≥ 0	75.8	90.6	92.7	95.6	96.8	97.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100 ≥ 0	75.8	90.9	93.1	96.0	97.3	98.3	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100 ≥ 0	75.8	90.9	93.1	96.0	97.3	98.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100 ≥ 0	75.8	90.9	93.1	96.0	97.3	98.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100 ≥ 0	75.8	90.9	93.1	96.0	97.3	98.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 744

JLCLAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7447

KANSAS CITY INTL MO

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	49.9	55.5	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	56.7	62.9	63.6	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 18000	57.1	63.3	64.0	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 16000	57.1	63.3	64.0	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 14000	57.4	63.6	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 12000	58.8	65.3	66.3	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	62.2	69.0	70.3	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 9000	63.3	70.2	71.5	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 8000	65.7	72.6	74.1	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 7000	67.7	74.8	76.2	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	69.8	77.5	79.1	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	71.1	79.1	80.7	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	72.7	81.6	83.3	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	74.6	84.2	85.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	76.1	86.1	87.7	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3000	78.8	88.8	90.4	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	79.5	89.9	91.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	79.9	90.8	92.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	80.2	91.2	93.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	80.3	91.8	93.5	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	80.6	92.3	94.1	95.1	95.4	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	81.0	92.8	94.6	95.8	96.1	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	81.1	92.8	94.6	95.8	96.1	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	81.1	93.0	94.7	96.0	96.2	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	81.1	93.0	94.7	96.0	96.4	96.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	81.1	93.1	94.9	96.4	97.0	97.2	97.3	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	81.1	93.1	94.9	96.5	97.2	97.3	98.1	98.5	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 400	81.1	93.1	94.9	96.5	97.2	97.3	98.1	98.5	98.5	98.8	98.9	98.9	99.1	99.1	99.1	99.1
≥ 300	81.1	93.1	94.9	96.5	97.2	97.3	98.1	98.5	98.5	99.3	99.5	99.5	99.6	99.6	99.6	99.6
≥ 200	81.1	93.1	94.9	96.5	97.2	97.3	98.1	98.5	98.5	99.3	99.6	99.6	99.7	99.7	99.7	99.7
≥ 100	81.1	93.1	94.9	96.5	97.2	97.3	98.1	98.5	98.5	99.3	99.6	99.6	99.9	99.9	99.9	99.9
≥ 0	81.2	93.3	95.0	96.6	97.3	97.4	98.2	98.7	98.7	99.5	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03447

KANSAS CITY INTL MO

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING ≥ 20000	57.5	63.5	61.3	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 18000	61.4	64.5	65.5	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4
≥ 16000	61.7	64.8	65.7	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7
≥ 14000	61.9	64.9	65.9	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8
≥ 12000	62.8	65.9	66.8	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7
≥ 10000	64.2	67.3	68.3	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4
≥ 8000	68.4	71.8	72.7	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8
≥ 6000	69.5	73.0	74.1	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.2	75.2
≥ 4000	72.2	75.7	76.8	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.9	77.9
≥ 3000	74.2	78.3	79.4	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 2000	76.7	81.0	82.1	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1
≥ 1500	78.3	82.6	83.7	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.8
≥ 1000	79.8	84.5	85.6	86.4	86.4	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.8	86.8	86.9
≥ 800	81.2	86.2	87.4	88.3	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.7	88.8	88.8
≥ 600	82.3	87.7	88.9	89.7	89.7	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.1	90.3	90.3
≥ 400	83.3	89.1	90.3	91.1	91.1	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.5	91.5	91.6
≥ 300	85.3	91.1	92.3	93.4	93.4	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.8	93.9	93.9
≥ 200	85.7	91.5	92.7	93.8	93.8	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.3	94.3	94.5
≥ 1800	85.8	91.6	92.8	93.9	93.9	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.5	94.5	94.6
≥ 1500	86.0	92.0	93.7	94.7	94.7	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.4	95.4	95.5
≥ 1200	86.2	92.4	94.2	95.3	95.3	95.4	95.5	95.5	95.5	95.7	95.7	95.7	95.8	95.8	96.1	96.2
≥ 1000	86.5	93.0	94.9	96.1	96.1	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.9	96.9	97.0
≥ 900	86.5	93.0	94.9	96.2	96.2	96.4	96.5	96.6	96.6	96.8	96.8	96.8	96.8	97.0	97.0	97.2
≥ 800	86.5	93.0	94.9	96.2	96.2	96.4	96.5	96.6	96.6	96.8	96.8	96.8	96.8	97.0	97.0	97.2
≥ 700	86.6	93.4	95.3	96.8	96.8	96.9	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.6	97.6	97.7
≥ 600	86.8	93.9	95.8	97.3	97.3	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	98.1	98.1	98.2
≥ 500	86.8	93.9	95.8	97.6	97.6	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.5	98.5	98.7
≥ 400	86.8	93.9	95.8	97.6	97.7	98.0	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.9	98.9	99.1
≥ 300	86.8	93.9	95.8	97.6	97.7	98.0	98.5	98.8	98.8	98.9	99.1	99.1	99.1	99.3	99.3	99.5
≥ 200	86.8	93.9	95.8	97.6	97.7	98.0	98.5	98.8	98.8	98.9	99.1	99.1	99.1	99.5	99.5	99.7
≥ 100	86.8	93.9	95.8	97.6	97.7	98.0	98.5	98.8	98.8	98.9	99.1	99.1	99.1	99.5	99.5	99.9
≥ 0	86.8	93.9	95.8	97.6	97.7	98.0	98.5	98.8	98.8	98.9	99.1	99.1	99.1	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

5947

KANSAS CITY INTL MO

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 1/16
NO CEILING	47.2	52.3	53.6	54.5	54.7	54.8	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.2
≥ 2000	52.5	58.4	59.8	60.8	61.0	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.5
≥ 1800	52.7	58.6	60.1	61.1	61.3	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.8
≥ 1600	52.8	58.7	60.1	61.1	61.3	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.8
≥ 1400	53.6	59.6	61.1	62.2	62.4	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.9
≥ 1200	54.6	61.1	62.6	63.8	64.0	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.5	64.6
≥ 1000	57.5	64.6	66.3	67.6	67.8	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.3
≥ 900	58.8	66.1	67.9	69.2	69.4	69.5	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.9	70.0
≥ 800	60.8	68.5	70.4	72.0	72.2	72.3	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.7	72.8
≥ 700	62.2	70.2	72.2	73.8	74.1	74.2	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.7
≥ 600	63.6	72.0	74.0	75.6	75.9	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.5	76.6
≥ 500	64.7	73.3	75.4	77.0	77.4	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.9	78.0
≥ 4500	65.8	74.8	76.9	78.7	79.0	79.1	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.8
≥ 4000	67.2	76.8	79.1	81.0	81.4	81.5	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.2	82.3
≥ 3500	68.6	78.6	81.0	82.9	83.4	83.5	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.1	84.1	84.2
≥ 3000	70.5	81.1	83.5	85.6	86.1	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.9	87.0
≥ 2500	71.7	82.8	85.4	87.5	88.0	88.2	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.9	89.0
≥ 2000	72.9	84.4	87.0	89.2	89.7	89.9	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.7	90.8	90.9
≥ 1800	73.3	84.9	87.6	89.8	90.3	90.5	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.3	91.4	91.5
≥ 1500	73.7	85.7	88.5	90.8	91.3	91.5	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.4	92.5	92.6
≥ 1200	74.1	86.4	89.4	91.8	92.5	92.7	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.9
≥ 1000	74.4	86.8	90.0	92.6	93.4	93.7	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.7	94.8	94.9
≥ 900	74.4	86.9	90.1	92.9	93.7	94.0	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.1	95.2	95.3
≥ 800	74.4	87.1	90.3	93.2	94.1	94.4	95.1	95.4	95.4	95.5	95.5	95.5	95.5	95.6	95.7	95.8
≥ 700	74.5	87.2	90.5	93.5	94.6	95.0	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.3	96.4	96.5
≥ 600	74.5	87.4	90.8	93.9	95.0	95.5	96.5	96.7	96.7	96.9	96.9	96.9	96.9	97.0	97.1	97.2
≥ 500	74.6	87.6	91.0	94.2	95.5	96.0	97.2	97.4	97.4	97.7	97.7	97.7	97.7	97.8	97.9	98.0
≥ 400	74.6	87.7	91.2	94.4	95.9	96.5	97.8	98.1	98.1	98.4	98.4	98.4	98.4	98.6	98.7	98.8
≥ 300	74.6	87.7	91.2	94.6	96.0	96.6	98.0	98.4	98.4	98.8	98.8	98.8	98.8	99.0	99.1	99.2
≥ 200	74.6	87.7	91.2	94.6	96.1	96.7	98.1	98.5	98.5	99.0	99.1	99.1	99.1	99.3	99.5	99.6
≥ 100	74.6	87.7	91.2	94.6	96.1	96.7	98.1	98.5	98.5	99.0	99.2	99.2	99.2	99.4	99.6	99.8
≥ 0	74.7	87.7	91.3	94.6	96.1	96.7	98.1	98.6	98.6	99.0	99.2	99.2	99.2	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5945



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3947

KANSAS CITY INTL MO

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1	≥3/4	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	63.9	71.0	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1
≥ 20000	65.4	72.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	65.6	72.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	65.6	72.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	66.5	73.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
≥ 12000	68.2	76.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6
≥ 10000	72.6	81.0	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2
≥ 9500	73.5	81.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
≥ 8000	75.1	83.9	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4
≥ 7000	75.7	84.4	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000	76.4	85.1	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 5000	77.2	86.4	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	78.6	87.9	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	79.9	89.3	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	80.6	90.0	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	81.7	91.3	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	82.2	91.9	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	82.9	93.1	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	83.1	93.2	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	83.2	93.5	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	84.2	94.6	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	84.7	95.3	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	84.7	95.6	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	84.9	95.7	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	85.0	96.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	85.3	96.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	85.3	96.4	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	85.4	96.7	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	85.4	96.7	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	85.4	96.7	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	85.4	96.7	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0
≥ 0	85.4	96.7	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 722

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION  
7347

STATION NAME  
KANSAS CITY INTL MO

YEARS  
73-80

MONTH  
JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

TIME PERIOD  
0300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO RECORD	55.3	64.2	66.3	66.9	67.1	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 2000	58.5	67.5	70.0	70.7	71.0	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 1800	58.5	67.5	70.0	70.7	71.0	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 1600	58.5	67.5	70.0	70.7	71.0	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 1400	59.3	68.1	70.7	71.4	71.7	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 1200	61.1	70.3	72.9	73.6	73.9	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 1000	65.4	74.9	77.6	78.3	78.6	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 800	67.1	76.7	79.4	80.1	80.4	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 600	69.2	78.8	81.9	82.5	82.8	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 400	69.4	79.2	82.2	82.9	83.2	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 200	70.6	80.4	83.5	84.2	84.4	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 100	71.3	81.7	84.7	85.4	85.8	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 50	72.6	83.3	86.4	87.1	87.5	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 25	73.9	85.0	88.1	88.8	89.2	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 10	74.7	86.0	89.2	89.9	90.3	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 5	75.8	87.5	90.8	91.5	91.9	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2	76.3	88.2	91.5	92.2	92.6	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1	76.9	89.0	92.5	93.2	93.6	93.9	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 0.5	77.2	89.4	92.9	93.8	94.3	94.6	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 0.25	78.2	90.6	94.0	94.9	95.4	95.7	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3
≥ 0.1	78.5	91.0	94.4	95.3	96.0	96.3	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 0.05	79.0	91.8	95.3	96.1	96.8	97.1	97.5	97.5	97.5	97.5	97.6	97.8	97.8	97.8	97.8	97.8
≥ 0.025	79.0	91.8	95.3	96.1	96.8	97.1	97.5	97.5	97.5	97.5	97.6	97.8	97.8	97.8	97.8	97.8
≥ 0.01	79.2	91.9	95.6	96.5	97.2	97.5	97.9	97.9	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2
≥ 0.005	79.2	91.9	95.8	96.8	97.5	97.8	98.2	98.2	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5
≥ 0.0025	79.2	91.9	95.8	96.9	97.6	97.9	98.3	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 0.001	79.4	92.4	96.3	97.4	98.1	98.3	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 0.0005	79.4	92.4	96.3	97.4	98.1	98.3	98.8	98.8	98.8	98.9	99.0	99.2	99.2	99.4	99.4	99.4
≥ 0.00025	79.6	92.5	96.4	97.5	98.2	98.5	99.0	99.0	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.7
≥ 0.0001	79.6	92.5	96.5	97.6	98.3	98.6	99.2	99.2	99.2	99.4	99.6	99.6	100.0	100.0	100.0	100.0
≥ 0.00005	79.6	92.5	96.5	97.6	98.3	98.6	99.2	99.2	99.2	99.4	99.6	99.6	100.0	100.0	100.0	100.0
≥ 0.000025	79.6	92.5	96.5	97.6	98.3	98.6	99.2	99.2	99.2	99.4	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13947

KANSAS CITY INTL MO

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	46.7	57.4	59.0	60.7	61.3	61.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 20000	49.3	62.4	64.2	65.8	66.7	67.4	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 18000	49.9	62.4	64.2	65.8	66.7	67.4	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 16000	49.9	62.4	64.2	65.8	66.7	67.4	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 14000	50.7	63.5	65.4	67.1	67.9	68.8	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000	51.7	65.1	67.2	68.9	69.7	70.6	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 10000	55.1	69.0	71.7	73.3	74.2	75.0	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000	56.0	69.9	72.5	74.2	75.0	75.8	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 8000	57.4	71.3	73.9	75.8	76.8	77.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	58.1	72.4	75.6	77.5	78.6	79.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 6000	58.6	73.3	76.5	78.5	79.7	80.6	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	59.0	74.4	77.8	79.7	81.0	81.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	59.4	75.6	78.9	80.8	82.1	82.9	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	59.9	76.7	80.1	82.1	83.6	84.4	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	60.6	77.5	81.0	82.9	84.4	85.3	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3000	61.0	78.6	82.2	84.2	85.8	86.7	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	61.5	79.9	83.5	85.6	87.2	88.1	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	62.2	80.6	84.4	86.7	88.6	89.4	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800	62.2	81.3	84.9	87.1	89.0	89.9	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	62.6	82.6	86.4	88.8	90.7	91.5	93.2	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	63.3	83.6	87.5	89.9	91.8	92.8	94.4	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	63.9	84.2	88.2	90.7	92.6	93.6	95.4	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	63.9	84.3	88.5	91.0	92.9	93.9	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	63.3	84.3	88.5	91.1	93.2	94.2	96.1	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	64.2	84.7	88.9	91.7	93.8	94.7	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	64.3	84.9	89.2	91.9	94.0	95.0	96.9	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	64.3	84.9	89.2	92.1	94.3	95.3	97.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	64.3	85.0	89.6	92.5	94.9	95.8	97.8	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	64.3	85.0	89.6	92.5	94.9	95.8	97.8	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	64.3	85.0	89.6	92.5	94.9	95.8	97.9	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	64.3	85.0	89.6	92.5	94.9	95.8	97.9	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 0	64.3	85.0	89.6	92.5	94.9	95.8	97.9	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 722

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7347

KANSAS CITY INTL MO

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

3900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	50.6	59.4	60.4	61.0	61.5	61.8	61.9	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 18000	55.0	64.9	65.8	66.5	67.1	67.4	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 16000	55.6	65.4	66.4	67.1	67.6	67.9	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 14000	56.1	66.1	67.1	67.8	68.3	68.6	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 12000	57.8	67.9	69.0	69.7	70.3	70.6	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 10000	61.3	72.6	74.0	74.7	75.3	75.6	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000	61.8	73.6	75.0	75.7	76.3	76.5	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 8000	62.1	74.2	75.8	76.7	77.2	77.5	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	62.5	74.7	76.5	77.4	77.9	78.2	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 6000	63.2	75.7	77.5	78.3	78.9	79.2	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 5000	64.4	77.2	79.0	79.9	80.4	80.7	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	64.4	77.5	79.3	80.1	80.7	81.0	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4000	64.7	78.6	80.6	81.5	82.2	82.5	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	65.3	79.4	81.4	82.4	83.1	83.3	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	66.0	80.4	82.4	83.3	84.2	84.4	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	67.6	83.3	85.3	86.3	87.1	87.4	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2000	68.6	85.7	87.8	88.9	90.0	90.4	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	69.7	87.4	89.4	90.6	91.7	92.1	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	70.8	88.6	91.0	92.1	93.2	93.6	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	72.2	90.4	92.9	94.2	95.6	96.0	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	72.8	91.0	93.5	94.7	96.1	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	73.1	91.4	93.9	95.1	96.5	96.9	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	73.2	91.7	94.2	95.4	96.8	97.2	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	73.3	91.9	94.4	95.8	97.2	97.6	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	73.3	91.9	94.6	96.0	97.4	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	73.5	92.1	94.7	96.3	97.6	98.1	98.6	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	73.5	92.1	94.7	96.3	97.6	98.1	98.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	73.5	92.1	94.7	96.3	97.8	98.2	98.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	73.5	92.1	94.7	96.3	97.8	98.2	98.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	73.5	92.1	94.7	96.3	97.8	98.2	98.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	73.5	92.1	94.7	96.3	97.8	98.2	98.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

3347

KANSAS CITY INTL MO

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	53.1	61.0	61.3	61.3	61.5	61.5	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 2000	57.5	66.1	66.4	66.5	66.8	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 1800	57.9	66.5	66.8	66.9	67.2	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 1600	58.1	66.7	66.9	67.1	67.4	67.4	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 1400	58.5	67.1	67.4	67.5	67.8	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 1200	60.4	69.4	69.7	69.9	70.1	70.1	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 1000	63.6	74.0	74.4	74.7	75.0	75.0	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 900	63.6	74.3	74.7	75.0	75.3	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 800	64.0	74.9	75.3	75.7	76.1	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 700	64.4	75.4	75.8	76.3	76.7	76.7	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 600	64.7	75.8	76.3	76.7	77.1	77.1	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 500	66.0	77.6	78.1	78.5	78.9	78.9	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500	66.5	78.6	79.2	79.6	80.0	80.0	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4000	68.3	81.1	81.7	82.4	83.3	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	68.6	82.6	83.2	83.9	84.9	84.9	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3000	71.0	86.0	86.5	87.2	88.2	88.2	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2500	73.1	89.6	90.1	91.0	91.9	91.9	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	75.1	92.2	92.8	93.6	94.6	94.6	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	75.8	93.2	94.0	95.0	96.0	96.0	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	76.0	93.6	94.6	95.7	96.7	96.7	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	76.3	94.2	95.1	96.3	97.2	97.2	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	76.4	94.6	95.7	96.8	97.8	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	76.5	94.7	95.8	96.9	97.9	97.9	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	76.7	94.9	96.1	97.6	98.6	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	76.7	94.9	96.1	97.6	98.6	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	76.7	94.9	96.1	97.9	98.9	98.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	76.9	95.1	96.4	98.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	76.9	95.1	96.4	98.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	76.9	95.1	96.4	98.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	76.9	95.1	96.4	98.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.9	95.1	96.4	98.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.9	95.1	96.4	98.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13547

KANSAS CITY INTL MO

73-87

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 27000	59.4	64.6	64.7	64.7	65.4	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 18000	64.0	70.3	70.4	70.6	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 15000	64.2	70.4	70.6	70.7	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 14000	64.2	70.6	70.7	70.8	71.5	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 12000	66.1	72.6	72.8	72.9	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 10000	68.9	75.7	75.8	76.0	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 9000	69.3	76.4	76.5	76.7	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 8000	70.7	78.5	78.8	78.9	79.6	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	71.4	79.4	79.7	79.9	80.6	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 6000	71.8	80.1	80.4	80.6	81.3	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 5000	72.5	81.3	81.5	81.7	82.4	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500	73.2	82.2	82.5	82.8	83.5	83.8	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4000	74.6	84.6	85.0	85.1	86.3	86.5	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	75.8	86.5	87.1	87.2	88.3	88.8	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3000	78.3	89.6	90.1	90.3	91.4	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	80.0	91.9	92.6	93.1	94.2	94.6	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	82.2	94.4	95.1	95.6	96.7	97.1	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	82.2	94.4	95.1	95.6	96.7	97.1	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	82.4	94.6	95.6	96.0	97.1	97.5	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	82.6	95.1	96.1	96.5	97.6	98.1	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	82.8	95.4	96.4	96.8	97.9	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	83.2	95.8	96.8	97.2	98.3	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	83.3	96.0	96.9	97.4	98.5	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	83.3	96.1	97.1	97.5	98.6	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	83.3	96.1	97.2	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	83.3	96.1	97.2	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	83.3	96.1	97.2	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	83.3	96.1	97.2	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	83.3	96.1	97.2	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	83.3	96.1	97.2	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	83.3	96.1	97.2	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

3947

KANSAS CITY INTL MO

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1900-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	54.3	71.5	71.9	71.9	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 2000	69.6	77.6	78.1	78.1	78.1	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1800	69.6	77.6	78.1	78.1	78.1	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1600	69.6	77.6	78.1	78.1	78.1	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1400	70.3	78.5	78.9	78.9	78.9	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1200	71.0	79.7	80.1	80.1	80.1	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1000	72.2	81.5	81.9	81.9	81.9	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 900	73.3	82.6	83.2	83.3	83.3	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 800	74.6	84.3	85.0	85.1	85.1	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 700	75.3	85.1	85.9	86.0	86.0	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 600	76.1	86.0	86.7	86.8	86.8	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 500	76.4	86.8	87.5	87.6	87.6	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 450	76.8	87.5	88.3	88.5	88.5	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 400	78.1	89.6	90.6	90.7	90.8	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 350	79.2	91.3	92.2	92.4	92.5	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 300	80.3	92.9	93.9	94.0	94.2	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 250	81.3	94.0	95.0	95.1	95.3	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 200	81.8	95.1	96.1	96.4	96.5	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	81.8	95.3	96.3	96.5	96.8	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	81.8	95.4	96.4	96.7	96.9	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 1200	81.8	95.7	96.7	96.9	97.2	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
≥ 1000	81.8	95.7	96.8	97.1	97.4	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.8
≥ 900	81.8	95.7	96.8	97.1	97.4	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	82.4	96.4	97.5	97.8	98.1	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 700	82.4	96.5	97.6	97.9	98.2	98.9	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 600	82.4	96.5	97.6	97.9	98.2	98.9	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 500	82.5	96.8	97.9	98.2	98.5	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 400	82.5	96.8	97.9	98.3	98.6	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	82.5	96.8	97.9	98.3	98.6	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	82.5	96.8	97.9	98.3	98.6	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	82.5	96.8	97.9	98.3	98.6	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	82.5	96.8	97.9	98.3	98.6	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03947 KANSAS CITY INTL MO

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	69.5	73.1	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	71.1	76.1	76.4	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 16000	71.4	76.4	76.7	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	71.4	76.4	76.7	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	72.4	77.4	77.6	77.9	78.3	79.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.2
≥ 10000	74.2	79.4	79.7	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 9000	76.5	82.2	82.5	82.8	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 8000	77.6	83.3	83.6	83.9	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	78.9	85.0	85.3	85.6	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000	79.4	85.6	86.0	86.3	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 5000	80.6	87.1	87.5	87.8	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500	81.0	87.9	88.3	88.8	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4000	81.8	89.3	89.7	90.1	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3500	83.6	91.3	91.7	92.1	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000	84.3	92.2	92.6	93.1	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	85.1	93.1	93.5	93.9	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	85.9	93.8	94.2	94.6	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	86.5	94.6	95.1	95.8	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1600	86.8	95.0	95.6	96.4	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1400	86.9	95.6	96.1	97.1	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	86.9	95.6	96.1	97.1	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	87.1	95.8	96.4	97.4	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	87.1	95.8	96.4	97.4	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	87.1	96.1	96.7	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	87.4	96.5	97.1	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	87.6	96.8	97.4	98.3	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	87.8	97.2	97.9	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	87.8	97.4	98.1	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	87.8	97.4	98.1	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	87.8	97.4	98.1	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	87.8	97.4	98.1	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	87.8	97.4	98.1	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 720



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AI- WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7047

KANSAS CITY INTL MO

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	57.7	65.3	66.1	66.5	66.8	67.0	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 18000 ≥ 17000	61.4	69.7	70.6	71.1	71.5	71.7	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 16000 ≥ 15000	61.5	69.9	70.8	71.3	71.6	71.9	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000 ≥ 13000	61.6	69.9	70.8	71.3	71.7	71.9	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000 ≥ 11000	62.2	70.6	71.6	72.0	72.4	72.7	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 10000 ≥ 9000	63.9	72.6	73.6	74.1	74.5	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 8000 ≥ 7000	67.0	76.4	77.5	78.0	78.4	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000 ≥ 5000	67.8	77.3	78.5	79.0	79.4	79.7	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4500 ≥ 4000	69.0	78.8	80.1	80.7	81.1	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3500 ≥ 3000	69.5	79.5	80.9	81.5	81.9	82.2	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2500 ≥ 2000	70.2	80.5	81.9	82.4	82.9	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800 ≥ 1500	71.0	81.7	83.1	83.7	84.2	84.5	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200 ≥ 1000	71.7	82.7	84.2	84.8	85.3	85.6	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 900 ≥ 800	72.9	84.5	86.0	86.7	87.4	87.7	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 700 ≥ 600	73.6	85.7	87.3	87.9	88.6	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 500 ≥ 400	74.9	87.4	89.0	89.7	90.4	90.7	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 300 ≥ 200	76.0	89.1	90.7	91.4	92.1	92.4	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1
≥ 100 ≥ 0	77.0	90.6	92.3	93.1	93.9	94.2	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 0	77.4	91.1	92.9	93.8	94.5	94.9	95.3	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6
≥ 0	77.8	91.8	93.6	94.6	95.4	95.7	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 0	78.2	92.5	94.4	95.3	96.2	96.5	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
≥ 0	78.5	93.0	94.9	95.9	96.7	97.1	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 0	78.7	93.1	95.1	96.1	96.9	97.3	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 0	78.8	93.4	95.3	96.4	97.3	97.6	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 0	78.9	93.6	95.7	96.8	97.6	98.0	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 0	79.0	93.7	95.8	97.0	97.8	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 0	79.1	93.9	96.0	97.2	98.1	98.5	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	79.1	93.9	96.1	97.4	98.3	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 0	79.2	94.0	96.1	97.4	98.4	98.7	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 0	79.2	94.0	96.1	97.4	98.4	98.7	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 0	79.2	94.0	96.1	97.4	98.4	98.7	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 5760

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7447

KANSAS CITY INTL MO

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0	≥ 0
NO RECORD	70.6	74.1	74.7	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 2000	73.7	76.7	77.4	78.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1800	73.7	76.7	77.4	78.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1600	73.7	76.7	77.4	78.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1400	74.1	78.2	79.9	80.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1200	77.2	81.2	81.9	83.2	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1000	80.6	85.6	86.3	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	81.7	86.8	87.5	89.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800	82.1	87.2	87.9	89.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 700	82.8	87.9	88.7	90.5	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 600	83.9	89.0	89.8	91.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 500	84.8	89.9	90.7	92.5	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	85.2	90.3	91.1	92.9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000	86.3	91.9	92.7	94.5	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500	86.4	92.1	92.9	94.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3000	86.7	92.3	93.1	94.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2500	87.4	93.3	94.1	95.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	87.8	93.8	94.6	96.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	88.2	94.4	95.2	96.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1600	88.2	94.8	95.7	97.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1400	88.2	94.9	96.0	97.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	88.3	95.0	96.1	97.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	88.3	95.0	96.1	97.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	88.3	95.0	96.1	97.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	88.3	95.0	96.1	97.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	88.6	95.3	96.4	98.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	88.6	95.3	96.4	98.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	88.6	95.3	96.4	98.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	88.6	95.3	96.4	98.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	88.6	95.3	96.4	98.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	88.6	95.3	96.4	98.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	88.6	95.3	96.4	98.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	88.6	95.3	96.4	98.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

3447

KANSAS CITY INTL MO

75-87

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1300-1500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING	63.4	66.9	68.7	70.3	71.5	71.5	71.6	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.4
≥ 20000	66.5	70.6	72.6	74.5	75.7	75.7	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.2	76.6
≥ 18000	66.5	70.6	72.6	74.5	75.7	75.7	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.2	76.6
≥ 16000	66.5	70.6	72.6	74.5	75.7	75.7	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.2	76.6
≥ 14000	67.1	71.1	73.1	75.3	76.2	76.2	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.7	77.2
≥ 12000	69.8	73.9	75.9	77.8	79.0	79.0	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.6	80.1
≥ 10000	73.4	77.8	80.1	82.0	83.2	83.2	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.7	84.1
≥ 9000	74.7	79.3	81.7	83.9	85.1	85.1	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.8	86.4
≥ 8000	75.7	80.4	82.8	85.2	86.6	86.6	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.6
≥ 7000	75.8	80.5	82.9	85.3	86.8	86.8	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.5	87.9
≥ 6000	76.9	81.7	84.1	86.6	88.0	88.0	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.7	89.1
≥ 5000	78.8	84.3	86.7	89.4	90.9	90.9	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.9
≥ 4500	79.3	85.1	87.5	90.2	91.7	91.7	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.5	92.9
≥ 4000	80.4	86.2	88.6	91.3	92.7	92.7	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.5	94.0
≥ 3500	80.4	86.3	88.7	91.4	92.9	92.9	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.7	94.1
≥ 3000	81.2	87.1	89.5	92.2	93.7	93.7	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.5	94.9
≥ 2500	81.6	87.8	90.2	93.0	94.5	94.5	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.3	95.7
≥ 2000	82.1	88.6	91.0	93.8	95.3	95.3	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.1	96.5
≥ 1800	82.4	89.2	91.7	94.5	96.0	96.0	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.8	97.2
≥ 1600	82.5	89.7	92.1	94.9	96.4	96.4	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.2	97.6
≥ 1400	82.5	89.7	92.1	94.9	96.4	96.4	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.2	97.6
≥ 1200	82.5	89.7	92.1	94.9	96.4	96.4	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.2	97.6
≥ 1000	82.5	89.8	92.2	95.0	96.5	96.5	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.8
≥ 900	82.5	89.9	92.3	95.4	96.9	96.9	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.8	98.3
≥ 800	82.5	89.9	92.3	95.4	96.9	96.9	97.0	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.8	98.3
≥ 700	82.5	90.1	92.5	95.6	97.0	97.2	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.4
≥ 600	82.5	90.1	92.5	95.8	97.3	97.4	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.3	98.7
≥ 500	82.5	90.1	92.5	95.8	97.3	97.4	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.3	98.7
≥ 400	82.5	90.1	92.6	96.1	97.6	97.7	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.9
≥ 300	82.5	90.1	92.6	96.2	97.7	97.8	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.8	99.2
≥ 200	82.5	90.1	92.6	96.2	97.7	97.8	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.9	99.1	99.5
≥ 100	82.5	90.1	92.6	96.2	97.7	97.8	98.7	98.8	98.8	98.9	98.9	98.9	98.9	99.3	99.3	99.5
≥ 0	82.5	90.1	92.6	96.2	97.7	97.8	98.7	98.8	98.8	98.9	98.9	98.9	98.9	99.3	99.3	99.5

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7547

KANSAS CITY INTL MO

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-0900  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO RECORD	53.1	62.0	63.3	66.4	67.9	68.5	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.6	69.6	69.6
≥ 20000	56.6	66.0	67.6	70.8	72.3	73.0	73.9	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.2
≥ 18000	56.7	66.1	67.7	71.0	72.4	73.1	74.0	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3
≥ 16000	56.7	66.1	67.7	71.0	72.4	73.1	74.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3
≥ 14000	56.9	66.3	67.9	71.1	72.6	73.3	74.3	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7
≥ 12000	59.2	67.9	69.5	72.7	74.2	74.9	75.9	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3
≥ 10000	63.6	74.3	75.9	79.4	80.9	81.7	82.8	82.9	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 9000	65.3	76.3	78.0	81.5	82.9	83.7	84.8	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2
≥ 8000	66.0	77.3	79.2	82.7	84.1	84.9	86.0	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4
≥ 7000	66.3	77.7	79.6	83.2	84.7	85.5	86.6	86.7	86.7	86.8	86.8	86.8	87.0	87.0	87.0	87.0
≥ 6000	67.7	79.6	81.6	85.2	86.7	87.5	88.6	88.7	88.7	88.8	88.8	88.8	89.0	89.0	89.0	89.0
≥ 5000	68.7	80.9	82.9	86.8	88.3	89.1	90.2	90.3	90.3	90.5	90.5	90.5	90.6	90.6	90.6	90.6
≥ 4500	68.8	81.0	83.3	87.4	88.8	89.7	90.7	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 4000	69.8	82.3	84.5	88.7	90.3	91.1	92.2	92.3	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.6
≥ 3500	69.8	82.3	84.5	88.7	90.3	91.1	92.2	92.3	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.6
≥ 3000	70.3	82.9	85.3	89.5	91.3	92.1	93.1	93.4	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.7
≥ 2500	70.6	83.2	85.8	89.9	91.7	92.5	93.5	93.8	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 2000	70.9	84.0	86.6	90.9	92.6	93.4	94.5	94.8	94.8	95.0	95.0	95.0	95.2	95.2	95.2	95.2
≥ 1800	70.8	84.1	86.7	91.0	92.7	93.5	94.6	94.9	94.9	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 1500	70.8	84.1	86.7	91.0	92.7	93.5	94.6	94.9	94.9	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 1200	70.8	84.1	86.7	91.3	93.1	94.0	95.0	95.3	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 1000	70.8	84.4	87.0	91.7	93.7	94.5	95.6	95.8	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 900	70.8	84.4	87.2	91.9	94.0	94.8	95.8	96.1	96.1	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 800	70.8	84.4	87.2	91.9	94.0	94.8	95.8	96.1	96.1	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 700	70.8	84.4	87.2	91.9	94.1	94.9	96.0	96.2	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 600	70.8	84.4	87.5	92.3	94.5	95.3	96.4	96.6	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 500	70.8	84.4	87.5	92.5	94.9	95.8	97.0	97.4	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 400	70.8	84.5	88.0	93.0	95.6	96.6	97.8	98.3	98.3	98.5	98.5	98.5	98.7	98.7	98.7	98.7
≥ 300	70.8	84.5	88.0	93.0	95.7	96.9	98.3	98.9	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	70.8	84.5	88.0	93.0	95.7	96.9	98.3	98.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 100	70.8	84.5	88.0	93.0	95.7	96.9	98.3	98.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 0	70.8	84.5	88.0	93.0	95.7	96.9	98.3	98.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7447

KANSAS CITY INTL MO

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING ≥ 2000	55.1	66.3	67.5	68.1	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 1800 ≥ 1500	59.8	72.3	73.5	74.6	76.1	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 1400 ≥ 1200	60.1	72.6	73.8	74.9	76.3	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 1000 ≥ 800	60.5	73.4	74.6	75.7	77.3	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 600 ≥ 400	61.8	75.4	76.6	77.7	79.3	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 300 ≥ 200	64.2	79.0	80.4	81.5	83.5	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 100 ≥ 0	65.2	80.0	81.3	82.4	84.4	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 8000 ≥ 7000	65.7	81.3	82.4	83.9	86.0	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000 ≥ 5000	66.0	81.6	83.1	84.1	86.3	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500 ≥ 4000	66.9	83.1	84.5	85.6	87.8	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3500 ≥ 3000	67.6	83.9	85.3	86.4	88.6	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500 ≥ 2000	67.9	84.1	85.8	86.8	89.0	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500 ≥ 1000	68.8	85.3	87.0	88.0	90.2	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800 ≥ 600	69.2	85.9	87.5	88.6	90.7	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 400 ≥ 200	69.8	87.0	88.8	90.2	92.3	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 100 ≥ 0	69.9	88.4	90.5	91.9	94.2	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 8000 ≥ 7000	69.9	88.7	90.7	92.2	94.5	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 6000 ≥ 5000	70.0	89.4	91.5	93.1	95.4	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4500 ≥ 4000	70.2	89.9	92.1	93.7	96.0	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3500 ≥ 3000	70.3	90.3	92.5	94.1	96.4	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500 ≥ 2000	70.3	90.5	92.6	94.2	96.5	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500 ≥ 1000	70.4	90.7	93.0	94.6	96.9	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800 ≥ 600	70.6	90.9	93.3	95.3	97.7	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400 ≥ 200	70.6	90.9	93.3	95.3	97.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100 ≥ 0	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 8000 ≥ 7000	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 6000 ≥ 5000	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500 ≥ 4000	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500 ≥ 3000	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500 ≥ 2000	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500 ≥ 1000	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800 ≥ 600	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400 ≥ 200	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100 ≥ 0	70.6	90.9	93.3	95.3	98.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFS WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13547  
STATION

KANSAS CITY INTL MO  
STATION NAME

73-80  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING	59.4	66.6	68.1	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 2000	62.7	71.3	72.8	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 1800	63.3	72.0	73.5	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 1600	63.3	72.0	73.5	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 1400	63.3	72.0	73.5	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 1200	64.5	74.0	75.8	76.3	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 1000	65.9	76.6	78.3	78.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 900	67.0	77.9	79.7	80.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 800	67.7	79.8	82.0	82.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 700	69.0	80.2	82.4	83.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 600	68.5	80.9	83.0	83.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 500	69.7	82.1	84.3	85.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 450	69.7	82.4	84.5	85.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 400	70.7	83.8	86.0	86.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 350	71.6	84.8	87.1	88.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 300	72.4	86.0	88.3	89.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 250	73.5	88.2	90.4	91.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 200	75.2	91.3	93.5	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	75.2	91.4	93.8	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	76.2	92.9	95.6	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	76.2	92.9	95.6	97.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	76.2	92.9	95.7	97.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	76.2	92.9	95.8	97.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	76.2	92.9	95.8	97.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	76.2	92.9	95.8	97.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	76.3	93.0	96.0	97.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	76.3	93.0	96.0	97.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	76.4	93.1	96.1	97.6	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	76.4	93.3	96.2	97.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	76.4	93.3	96.2	97.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.4	93.3	96.2	97.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.4	93.3	96.2	97.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 743

FEDERAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7047

KANSAS CITY INTL MO

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING	61.4	68.5	69.1	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 2000	67.2	74.7	75.3	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1800	67.2	74.7	75.3	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1600	67.2	74.7	75.3	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1400	68.0	75.7	76.2	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1200	69.9	77.8	78.4	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1000	72.4	81.6	82.4	84.1	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 900	73.4	82.8	83.6	85.3	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 800	74.7	85.3	86.4	88.2	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 700	74.9	85.6	86.7	88.4	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	75.4	86.2	87.2	89.0	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 5000	76.9	87.9	89.1	90.9	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500	76.9	89.0	89.2	91.3	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000	77.7	89.1	90.3	92.3	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	78.0	89.5	90.7	92.7	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3000	78.8	91.0	92.3	94.4	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	79.6	92.2	93.7	95.7	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000	80.9	94.1	96.0	98.0	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	81.2	94.5	96.4	98.4	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	81.2	94.6	96.5	98.5	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	81.2	94.6	96.5	98.5	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	81.2	94.6	96.5	98.5	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	81.2	94.6	96.6	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	81.2	94.6	96.8	98.9	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	81.2	94.6	96.8	98.9	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	81.2	94.6	96.8	98.9	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	81.2	94.6	96.8	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	81.2	94.6	96.8	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	81.2	94.6	96.8	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	81.2	94.6	96.8	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	81.2	94.6	96.8	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	81.2	94.6	96.8	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03947

KANSAS CITY INTL MO

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	64.4	70.8	71.5	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 18000 ≥ 16000	71.5	78.5	79.3	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 14000 ≥ 12000	71.5	78.5	79.3	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 10000 ≥ 9000	71.9	79.0	79.8	82.4	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 8000 ≥ 7000	73.8	81.0	81.9	84.4	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 6000 ≥ 5000	75.9	83.7	84.8	87.5	87.6	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500 ≥ 4000	76.5	84.4	85.5	88.2	88.3	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3500 ≥ 3000	77.2	85.5	86.7	89.4	89.5	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500 ≥ 2000	77.3	85.6	87.2	89.9	90.1	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1800 ≥ 1500	78.3	86.4	88.0	90.7	90.9	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1200 ≥ 1000	78.4	87.5	89.1	91.8	91.9	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 900 ≥ 800	78.6	88.2	89.8	92.6	92.7	92.7	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 700 ≥ 600	79.6	89.2	90.9	93.7	93.8	93.8	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 500 ≥ 400	79.7	89.4	91.0	93.8	94.0	94.0	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 300 ≥ 200	80.1	89.9	91.5	94.4	94.5	94.5	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 180 ≥ 150	80.6	91.0	92.7	95.6	95.7	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 120 ≥ 100	81.7	92.7	94.6	97.4	97.6	97.6	98.1	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 90 ≥ 80	81.7	92.9	94.8	97.6	97.7	97.7	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 70 ≥ 60	81.7	92.9	94.8	97.6	97.7	97.7	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 50 ≥ 40	81.7	93.3	95.3	98.1	98.3	98.3	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 30 ≥ 20	82.1	93.7	95.7	98.5	98.7	98.7	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 18 ≥ 16	82.1	93.7	95.7	98.5	98.7	98.7	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 14 ≥ 12	82.1	93.8	96.0	98.8	98.9	98.9	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 10 ≥ 8	82.1	93.8	96.0	98.8	98.9	98.9	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 6 ≥ 4	82.1	93.8	96.0	98.8	98.9	98.9	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3 ≥ 2	82.1	93.8	96.0	98.8	98.9	98.9	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1 ≥ 0	82.1	93.8	96.0	98.8	98.9	98.9	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIF WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1347

KANSAS CITY INTL MO

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	73.6	76.7	77.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 20000	74.7	80.9	81.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
≥ 18000	74.7	80.9	81.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
≥ 16000	74.7	80.9	81.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
≥ 14000	75.3	81.6	82.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9
≥ 12000	77.2	83.7	84.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 10000	80.1	87.6	88.4	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5
≥ 9000	80.2	88.2	89.0	90.3	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 8000	80.8	88.7	89.5	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 7000	81.3	89.4	90.2	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 6000	81.9	89.9	91.7	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	82.3	90.7	91.5	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4500	82.8	91.4	92.3	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4000	83.5	92.2	93.1	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3500	83.7	92.7	93.7	95.0	95.7	95.7	95.7	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	84.1	93.3	94.2	95.6	96.2	96.2	96.2	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2500	84.5	93.7	94.6	96.1	96.8	96.8	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	84.7	94.2	95.3	96.6	97.3	97.3	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	85.1	94.6	95.8	97.2	97.8	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	85.2	94.9	96.1	97.4	98.1	98.1	98.1	98.1	98.4	98.4	98.5	98.5	98.5	98.7	98.7	98.7
≥ 1200	85.3	95.0	96.2	97.7	98.4	98.4	98.4	98.4	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9
≥ 1000	85.3	95.0	96.2	97.8	98.5	98.5	98.5	98.5	98.7	98.8	98.8	98.9	98.9	99.1	99.1	99.1
≥ 900	85.3	95.0	96.2	97.8	98.5	98.5	98.5	98.5	98.7	98.8	98.8	98.9	98.9	99.1	99.1	99.1
≥ 800	85.6	95.3	96.6	98.4	99.1	99.1	99.1	99.2	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6
≥ 700	85.8	95.4	96.9	98.7	99.3	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 600	85.8	95.4	96.9	98.7	99.3	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 500	85.8	95.4	96.9	98.7	99.3	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 400	85.8	95.4	96.9	98.7	99.3	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 300	85.8	95.4	96.9	98.7	99.3	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 200	85.8	95.4	96.9	98.7	99.3	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 100	85.8	95.4	96.9	98.7	99.3	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 0	85.8	95.4	96.9	98.7	99.3	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1947

KANSAS CITY INTL MO

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	62.2	69.0	70.1	71.6	72.3	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7
≥ 18000 ≥ 6000	66.5	73.9	75.0	76.7	77.4	77.6	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 16000 ≥ 5000	66.6	74.0	75.2	76.8	77.6	77.7	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1
≥ 14000 ≥ 4000	67.1	74.7	75.8	77.5	78.3	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8
≥ 12000 ≥ 3000	69.7	76.9	78.1	79.8	80.5	80.7	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 10000 ≥ 2000	72.0	80.8	82.1	83.9	84.8	85.0	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 8000 ≥ 1000	73.0	82.0	83.3	85.1	86.1	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7
≥ 6000 ≥ 500	73.7	83.2	84.7	86.6	87.5	87.7	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.2
≥ 4500 ≥ 400	74.0	83.6	85.1	87.0	88.0	88.2	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 3500 ≥ 300	74.9	84.6	86.1	88.1	89.1	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7
≥ 2500 ≥ 200	75.9	85.9	87.5	89.5	90.5	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1
≥ 1800 ≥ 150	76.2	86.3	88.0	90.0	91.1	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7
≥ 1200 ≥ 100	77.1	87.5	89.1	91.2	92.4	92.5	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0
≥ 900 ≥ 800	77.3	87.9	89.5	91.6	92.8	92.9	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5
≥ 700 ≥ 600	77.9	88.6	90.3	92.5	93.6	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
≥ 500 ≥ 400	78.4	89.5	91.3	93.5	94.7	94.8	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 300 ≥ 200	79.1	90.9	92.8	95.0	96.2	96.4	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0
≥ 100 ≥ 0	79.3	91.2	93.1	95.4	96.6	96.8	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 0	79.5	91.6	93.6	95.9	97.1	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 0	79.6	91.8	93.8	96.1	97.3	97.5	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 0	79.6	92.0	94.0	96.3	97.6	97.9	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 0	79.6	92.0	94.1	96.5	97.7	98.1	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7
≥ 0	79.7	92.1	94.2	96.7	97.9	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 0	79.7	92.2	94.4	96.8	98.2	98.5	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 0	79.7	92.2	94.4	96.9	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 0	79.7	92.2	94.4	97.0	98.4	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 0	79.8	92.2	94.5	97.1	98.5	98.9	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 0	79.8	92.3	94.5	97.1	98.6	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 0	79.8	92.3	94.5	97.1	98.6	99.0	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0	79.8	92.3	94.5	97.1	98.6	99.0	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5951

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13947

KANSAS CITY INTL MO

73-80

ALL

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO CEILING	69.3	71.5	72.4	72.8	72.8	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 2000	71.5	74.9	75.8	76.2	76.2	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1800	71.5	74.9	75.8	76.2	76.2	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1600	71.5	74.9	75.8	76.2	76.2	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1400	72.6	75.9	76.9	77.3	77.3	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1200	75.0	78.6	79.6	80.1	80.1	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1000	78.9	82.7	83.6	84.1	84.1	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 900	80.5	84.3	85.2	85.8	85.8	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 800	81.9	85.6	86.6	87.1	87.1	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 700	82.9	87.2	88.2	88.7	88.7	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 600	84.1	88.8	89.8	90.3	90.3	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 500	84.8	90.1	91.1	91.7	91.7	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 450	85.1	90.3	91.4	91.9	91.9	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 400	85.6	91.3	92.3	92.9	92.9	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 350	86.2	91.8	92.9	93.4	93.4	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 300	86.8	93.1	94.2	94.8	94.8	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 250	87.4	93.8	94.9	95.4	95.4	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200	87.8	94.5	95.6	96.1	96.2	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 180	88.0	94.8	95.8	96.4	96.5	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 150	88.7	95.6	96.6	97.2	97.3	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 120	88.7	95.6	96.6	97.2	97.3	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	89.0	95.8	96.9	97.4	97.6	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 90	89.0	95.8	96.9	97.4	97.6	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 80	89.0	95.8	96.9	97.4	97.6	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 70	89.0	95.8	96.9	97.4	97.7	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 60	89.1	96.1	97.2	97.7	98.1	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 50	89.2	96.2	97.3	97.8	98.4	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 40	89.2	96.6	97.7	98.3	98.8	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 30	89.2	96.8	97.8	98.4	98.9	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 20	89.2	96.8	97.8	98.4	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	89.2	96.8	97.8	98.4	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.2	96.8	97.8	98.4	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7547

KANSAS CITY INTL MO

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO CEILING	60.5	65.3	66.8	68.1	68.5	68.5	68.8	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.4
≥ 2000	62.5	67.6	69.1	70.7	71.1	71.1	71.4	71.5	71.5	71.6	71.6	71.6	71.8	71.8	71.8	71.9
≥ 1800	62.6	67.7	69.2	70.8	71.2	71.2	71.5	71.6	71.6	71.8	71.8	71.8	71.9	71.9	71.9	72.0
≥ 1600	62.6	67.7	69.2	70.8	71.2	71.2	71.5	71.6	71.6	71.8	71.8	71.8	71.9	71.9	71.9	72.0
≥ 1400	63.2	68.3	69.9	71.5	71.9	71.9	72.2	72.3	72.3	72.4	72.4	72.4	72.6	72.6	72.6	72.7
≥ 1200	64.3	70.2	71.8	73.4	73.8	73.8	74.1	74.2	74.2	74.3	74.3	74.3	74.5	74.5	74.5	74.6
≥ 1000	68.7	74.9	76.5	78.1	78.5	78.5	78.8	78.9	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.3
≥ 900	70.7	77.2	78.8	80.4	80.8	80.8	81.0	81.2	81.2	81.3	81.3	81.3	81.5	81.5	81.5	81.6
≥ 800	71.2	78.0	79.6	81.2	81.6	81.6	81.9	82.0	82.0	82.1	82.1	82.1	82.3	82.3	82.3	82.4
≥ 700	72.3	79.2	81.0	82.9	83.3	83.3	83.6	83.7	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.1
≥ 600	73.3	80.2	82.3	84.1	84.5	84.5	84.8	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.3
≥ 500	75.0	82.4	84.5	86.4	86.8	86.8	87.1	87.2	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.6
≥ 450	76.6	84.3	86.4	88.3	88.7	88.7	89.0	89.1	89.1	89.2	89.2	89.2	89.4	89.4	89.4	89.5
≥ 400	78.0	86.3	88.6	90.5	90.9	90.9	91.1	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.7
≥ 350	79.0	86.3	88.7	90.6	91.1	91.1	91.4	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.9
≥ 300	78.6	87.1	89.8	91.7	92.2	92.2	92.5	92.6	92.6	92.7	92.7	92.7	92.9	92.9	92.9	93.0
≥ 250	79.0	87.6	90.5	92.3	92.9	92.9	93.1	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.7
≥ 200	79.8	88.8	91.7	93.5	94.1	94.2	94.5	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.2
≥ 180	80.0	89.1	91.9	93.8	94.4	94.5	94.8	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.4
≥ 150	80.5	89.7	92.5	94.5	95.0	95.2	95.4	95.7	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.1
≥ 120	80.9	90.2	93.0	95.0	95.6	95.7	96.0	96.2	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.6
≥ 100	81.2	90.7	93.5	95.6	96.1	96.2	96.6	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.3
≥ 90	81.2	90.7	93.5	95.6	96.1	96.2	96.6	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.3
≥ 80	81.2	90.7	93.5	95.6	96.1	96.2	96.6	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.3
≥ 70	81.2	90.7	93.5	95.6	96.1	96.2	96.6	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.3
≥ 60	81.2	90.7	93.7	95.7	96.2	96.4	97.0	97.3	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.7
≥ 50	81.3	91.0	94.0	96.1	96.6	96.9	97.7	98.0	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.4
≥ 40	81.3	91.0	94.0	96.4	96.9	97.2	98.0	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.7
≥ 30	81.3	91.0	94.2	96.6	97.3	97.6	98.4	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.3
≥ 20	81.3	91.0	94.2	96.6	97.3	97.6	98.7	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.7
≥ 10	81.3	91.0	94.2	96.8	97.4	97.7	98.8	99.3	99.3	99.6	99.6	99.6	99.9	99.9	99.9	100.0
≥ 0	81.3	91.0	94.2	96.8	97.4	97.7	98.8	99.3	99.3	99.6	99.6	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7347 KANSAS CITY INTL MO

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	34.9	50.7	55.6	58.1	59.5	60.6	61.0	61.4	61.4	61.7	61.7	61.7	61.7	61.8	61.8	61.8
≥ 20000	37.4	54.0	59.3	62.0	63.4	64.7	65.1	65.5	65.5	65.7	65.7	65.7	65.7	65.9	65.9	65.9
≥ 18000	37.4	54.0	59.3	62.0	63.4	64.7	65.1	65.5	65.5	65.7	65.7	65.7	65.7	65.9	65.9	65.9
≥ 16000	37.4	54.0	59.3	62.0	63.4	64.7	65.1	65.5	65.5	65.7	65.7	65.7	65.7	65.9	65.9	65.9
≥ 14000	38.3	55.2	60.6	63.3	64.8	66.0	66.4	66.8	66.8	67.1	67.1	67.1	67.2	67.2	67.2	67.2
≥ 12000	40.6	57.7	63.4	66.3	67.7	69.0	69.5	69.9	69.9	70.2	70.2	70.2	70.3	70.3	70.3	70.3
≥ 10000	43.5	61.0	66.9	70.8	72.3	73.5	74.1	74.5	74.5	74.7	74.7	74.7	74.9	74.9	74.9	74.9
≥ 9000	44.6	62.9	68.8	72.8	74.3	75.5	76.1	76.5	76.5	76.7	76.7	76.7	76.9	76.9	76.9	76.9
≥ 8000	45.7	64.1	70.0	74.2	75.8	77.2	77.7	78.1	78.1	78.4	78.4	78.4	78.5	78.5	78.5	78.6
≥ 7000	46.5	65.1	71.0	75.5	77.2	78.5	79.0	79.4	79.4	79.7	79.7	79.7	79.8	79.8	79.8	80.0
≥ 6000	47.4	66.3	72.2	76.7	78.4	79.7	80.6	81.0	81.0	81.3	81.3	81.3	81.5	81.5	81.5	81.6
≥ 5000	49.5	68.5	74.6	79.2	80.8	82.1	83.1	83.5	83.5	83.7	83.7	83.7	83.9	83.9	83.9	84.0
≥ 4500	50.4	70.2	76.3	80.9	82.5	83.9	84.8	85.2	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.8
≥ 4000	51.7	71.6	77.8	82.4	84.0	85.3	86.3	86.7	86.7	87.0	87.0	87.0	87.1	87.1	87.1	87.2
≥ 3500	52.3	72.3	78.5	83.1	84.7	86.0	87.0	87.4	87.4	87.6	87.6	87.6	87.8	87.8	87.8	87.9
≥ 3000	52.6	73.1	79.7	84.3	85.9	87.2	88.2	88.6	88.6	88.8	88.8	88.8	89.0	89.0	89.0	89.1
≥ 2500	53.0	73.8	80.5	85.2	86.8	88.2	89.1	89.7	89.7	90.1	90.1	90.1	90.2	90.2	90.2	90.3
≥ 2000	53.4	74.3	81.0	86.0	87.6	89.0	89.9	90.6	90.6	91.1	91.1	91.1	91.3	91.3	91.3	91.4
≥ 1800	53.6	75.0	81.7	86.7	88.3	89.7	90.6	91.3	91.3	91.8	91.8	91.8	91.9	91.9	91.9	92.1
≥ 1500	53.9	75.5	82.3	87.2	88.8	90.2	91.1	91.8	91.8	92.3	92.3	92.3	92.5	92.5	92.5	92.6
≥ 1200	54.7	76.6	83.3	88.4	90.1	91.4	92.3	93.0	93.0	93.5	93.5	93.5	93.7	93.7	93.7	93.8
≥ 1000	54.8	76.7	83.5	88.7	90.3	91.7	92.7	93.4	93.4	94.0	94.0	94.0	94.1	94.1	94.1	94.2
≥ 900	54.8	76.7	83.5	88.7	90.5	91.9	93.0	93.7	93.7	94.2	94.2	94.2	94.4	94.4	94.4	94.5
≥ 800	54.8	76.9	83.7	89.0	90.9	92.3	93.7	94.4	94.4	94.9	94.9	94.9	95.0	95.0	95.0	95.2
≥ 700	54.8	77.0	83.9	89.1	91.0	92.5	94.2	94.9	94.9	95.4	95.4	95.4	95.7	95.7	95.7	95.8
≥ 600	54.8	77.0	83.9	89.5	91.9	93.4	95.3	96.0	96.0	96.5	96.5	96.5	96.8	96.8	96.8	96.9
≥ 500	54.8	77.2	84.0	89.7	92.3	93.8	95.7	96.4	96.4	97.2	97.2	97.2	97.4	97.4	97.4	97.6
≥ 400	55.0	77.3	84.1	89.8	92.6	94.2	96.1	97.2	97.2	98.0	98.0	98.0	98.3	98.3	98.3	98.4
≥ 300	55.0	77.3	84.1	89.8	92.6	94.2	96.2	97.4	97.4	98.3	98.3	98.3	98.8	98.8	98.8	98.9
≥ 200	55.0	77.3	84.1	89.8	92.6	94.2	96.2	97.4	97.4	98.3	98.3	98.3	98.9	98.9	99.1	99.3
≥ 100	55.0	77.3	84.3	89.9	92.7	94.5	96.5	97.7	97.7	98.7	98.7	98.7	99.3	99.3	99.5	99.7
≥ 0	55.0	77.3	84.3	89.9	92.7	94.5	96.5	97.7	97.7	98.7	98.7	98.7	99.3	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

0347  
STATION

KANSAS CITY INTL MO  
STATION NAME

73-80  
YEARS

ALL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1977-1100  
HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	43.8	58.2	61.8	64.4	64.8	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 2000	46.5	61.8	65.5	68.0	68.4	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1800	46.5	61.8	65.5	68.0	68.4	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1600	46.5	61.8	65.5	68.0	68.4	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1400	46.5	61.8	65.5	68.0	68.4	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1200	48.0	64.7	68.7	71.2	71.6	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 1000	51.7	69.6	73.7	76.7	77.2	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 900	52.2	70.2	74.2	77.3	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 800	54.6	73.0	77.2	80.5	80.9	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 700	54.3	73.8	78.2	81.9	82.3	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 600	55.4	74.9	79.6	83.2	83.6	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 500	56.0	75.5	80.2	84.0	84.4	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 450	56.3	75.8	80.5	84.3	84.7	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 400	57.0	76.5	81.3	85.2	85.6	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 350	57.5	77.0	81.9	85.8	86.2	86.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 300	58.1	77.8	82.7	86.6	87.0	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 250	58.6	78.3	83.6	87.5	87.9	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 200	59.4	80.0	84.8	88.8	89.2	89.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	59.9	80.8	85.6	89.7	90.1	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	60.5	81.7	86.6	90.7	91.1	91.4	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	60.8	82.0	87.0	91.3	91.8	92.1	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	61.0	82.7	87.8	92.2	92.7	93.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	61.2	82.8	88.0	92.5	93.1	93.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 800	61.6	83.2	88.6	93.3	94.1	94.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	61.8	83.5	88.8	93.8	94.8	95.3	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	61.8	83.7	89.1	94.5	95.6	96.1	97.2	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	61.8	84.0	89.4	94.9	96.0	96.5	97.6	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	61.8	84.3	89.8	95.3	96.4	96.9	98.4	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	61.8	84.3	89.9	95.4	96.5	97.0	98.7	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	61.8	84.3	89.9	95.4	96.5	97.0	98.7	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	61.8	84.3	89.9	95.4	96.5	97.0	98.7	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	61.8	84.3	89.9	95.4	96.5	97.0	98.7	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF-WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

3447

KANSAS CITY INTL MO

73-80

400

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1700-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.6	≥ 1	≥ 1.6	≥ 2	≥ 2.6	≥ 3	≥ 3.6	≥ 4	≥ 4.6	≥ 5	≥ 5.6	≥ 6	≥ 6.6	≥ 7	≥ 7.6
NO RECORD	49.7	62.8	65.6	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 27000	53.6	67.1	69.9	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 18000	53.6	67.1	69.9	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 15000	53.6	67.1	69.9	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 14000	54.3	67.7	70.6	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 12000	55.8	70.3	73.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 11000	59.9	74.9	77.7	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 9000	60.8	75.9	78.9	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 8000	62.4	77.8	80.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 7000	62.6	78.5	81.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000	63.3	79.4	82.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 5000	63.3	79.7	83.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4500	63.8	80.2	83.7	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4000	65.1	81.6	85.2	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500	65.7	82.3	85.9	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3000	66.8	84.3	88.7	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500	68.3	85.8	89.5	90.7	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	69.6	87.5	91.4	92.6	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	70.0	88.4	92.3	93.5	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	71.0	89.4	93.5	95.0	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	71.4	90.2	94.5	96.0	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	71.8	91.1	95.6	97.0	97.8	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	71.8	91.3	95.7	97.2	98.0	98.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	71.8	91.4	95.8	97.4	98.4	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	71.8	91.4	95.8	97.6	98.7	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	71.8	91.4	95.8	97.6	98.7	98.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	71.8	91.4	95.8	97.6	98.7	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	71.8	91.4	95.8	97.6	98.7	98.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	71.8	91.4	95.8	97.6	98.7	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	71.8	91.4	95.8	97.6	98.7	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	71.8	91.4	95.8	97.6	98.7	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	71.8	91.4	95.8	97.6	98.7	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATMOSPHERIC WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03947

KANSAS CITY INTL MO

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO OBSERVATIONS	56.7	66.8	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 20000	60.3	71.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 18000	60.3	71.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 16000	60.3	71.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 14000	61.3	72.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000	63.3	74.6	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 10000	66.3	78.5	79.4	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 9000	66.9	79.7	80.8	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 8000	68.1	81.5	82.5	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 7000	68.7	82.1	83.3	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000	69.6	83.2	84.4	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 5000	71.0	84.8	86.0	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	71.0	85.3	86.6	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4000	73.3	87.9	89.1	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3500	73.4	88.7	89.9	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	74.3	90.9	92.1	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	76.1	92.7	94.2	94.9	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000	77.2	93.8	95.3	96.1	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	77.3	94.0	95.4	96.2	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	77.4	94.1	95.6	96.5	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	77.6	94.5	96.0	96.9	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	77.6	94.6	96.1	97.0	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	77.6	94.6	96.1	97.0	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	77.6	94.6	96.1	97.0	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	77.6	94.9	96.4	97.3	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	77.7	95.0	96.5	97.6	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	77.7	95.2	96.6	97.7	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	77.7	95.2	96.6	97.7	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	77.7	95.2	96.6	97.7	99.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	77.7	95.2	96.6	97.7	99.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	77.7	95.2	96.6	97.7	99.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	77.7	95.2	96.6	97.7	99.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12047  
STATION

KANSAS CITY INTL MO  
STATION NAME

73-80  
YEARS

ALL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
NO RECORD	62.6	71.3	71.3	70.0	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 2000	69.6	78.8	79.3	79.8	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1800	69.9	79.3	79.3	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1600	70.3	79.6	79.8	80.6	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1400	72.3	81.9	82.1	82.9	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1200	75.5	86.3	86.6	87.4	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	76.6	87.5	87.8	88.6	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 800	77.6	88.6	88.8	89.7	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	77.8	88.8	89.1	89.9	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 600	79.2	91.2	90.5	91.3	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 500	80.4	91.7	91.9	92.7	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 450	80.4	92.1	92.6	93.5	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	81.5	93.4	94.1	95.0	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 350	81.7	93.8	94.5	95.4	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300	82.1	94.2	94.9	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 250	82.4	94.8	95.6	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 200	82.5	95.2	96.0	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 180	82.5	95.2	96.2	97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 150	82.7	95.3	96.4	97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 120	82.7	95.6	96.6	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 100	82.8	95.7	96.8	97.8	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 90	82.8	95.8	96.9	98.0	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 80	82.8	95.8	96.9	98.0	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 70	82.8	95.8	96.9	98.0	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 60	82.9	96.0	97.2	98.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 50	82.9	96.0	97.2	98.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 40	82.9	96.0	97.2	98.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 30	82.9	96.0	97.2	98.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 20	82.9	96.0	97.2	98.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 10	82.9	96.0	97.2	98.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	82.9	96.0	97.2	98.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 744

## CEILING VERSUS VISIBILITY

7. 47

KANSAS CITY INTL MC

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

[illegible]

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3047

KANSAS CITY INTL MO

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	55.5	65.0	67.0	68.1	68.4	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 2000	59.1	69.2	71.2	72.4	72.7	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 1800	59.2	69.2	71.2	72.4	72.8	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4
≥ 1600	59.2	69.2	71.2	72.4	72.8	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4
≥ 1400	59.3	69.9	72.0	73.2	73.5	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 1200	61.3	72.3	74.5	75.7	76.1	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7
≥ 1000	65.5	76.8	78.9	80.4	80.8	81.1	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 900	66.5	78.1	80.3	81.8	82.1	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8
≥ 800	67.8	79.6	81.9	83.4	83.8	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5
≥ 700	68.5	80.5	82.9	84.6	85.0	85.3	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 600	69.4	81.7	84.2	85.9	86.3	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 500	70.4	83.1	85.5	87.2	87.7	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
≥ 450	71.0	83.9	86.4	88.1	88.5	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3
≥ 400	72.1	85.3	87.9	89.6	90.0	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8
≥ 350	72.4	85.7	88.3	90.1	90.5	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
≥ 300	73.1	86.8	89.5	91.3	91.7	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5
≥ 250	73.8	87.7	90.5	92.4	92.9	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7
≥ 200	74.5	88.6	91.5	93.4	93.9	94.3	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9
≥ 180	74.8	89.1	92.0	93.9	94.4	94.8	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 150	75.2	89.7	92.6	94.6	95.2	95.5	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 120	75.5	90.1	93.1	95.1	95.8	96.1	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥ 100	75.7	90.5	93.5	95.5	96.3	96.6	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 90	75.7	90.5	93.5	95.6	96.4	96.8	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6
≥ 80	75.7	90.6	93.6	95.8	96.6	97.1	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 70	75.8	90.7	93.7	95.9	96.8	97.3	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2
≥ 60	75.8	90.8	93.9	96.2	97.2	97.7	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 50	75.8	90.9	94.0	96.4	97.5	97.9	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 40	75.9	91.0	94.2	96.5	97.6	98.1	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 30	75.9	91.1	94.2	96.6	97.7	98.2	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 20	75.9	91.1	94.2	96.6	97.7	98.2	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.9
≥ 10	75.9	91.1	94.3	96.7	97.8	98.3	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 0	75.9	91.1	94.3	96.7	97.8	98.3	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7347

KANSAS CITY INTL MO

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 2/3	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	61.4	66.3	67.1	68.2	68.6	69.6	68.8	69.0	69.0	69.2	69.3	69.3	69.4	69.4	69.4	69.7
≥ 2000	64.3	69.0	69.9	71.0	71.4	71.4	71.5	71.8	71.8	71.9	72.1	72.1	72.2	72.2	72.2	72.5
≥ 1800	64.0	69.0	69.9	71.0	71.4	71.4	71.5	71.8	71.8	71.9	72.1	72.1	72.2	72.2	72.2	72.5
≥ 1600	64.0	69.0	69.9	71.0	71.4	71.4	71.5	71.8	71.8	71.9	72.1	72.1	72.2	72.2	72.2	72.5
≥ 1400	64.7	69.7	70.6	71.7	72.1	72.1	72.2	72.5	72.5	72.6	72.8	72.8	72.9	72.9	72.9	73.2
≥ 1200	66.4	71.4	72.2	73.3	73.8	73.8	73.9	74.2	74.2	74.3	74.4	74.4	74.6	74.6	74.6	74.9
≥ 1000	68.2	73.5	74.3	75.4	75.8	75.8	76.0	76.3	76.3	76.4	76.5	76.5	76.7	76.7	76.7	76.9
≥ 900	69.2	75.0	75.8	76.9	77.4	77.4	77.5	77.8	77.8	77.9	78.1	78.1	78.2	78.2	78.2	78.5
≥ 800	70.3	76.1	76.9	78.1	78.5	78.5	78.6	78.9	78.9	79.0	79.2	79.2	79.3	79.3	79.3	79.6
≥ 700	70.8	76.7	77.5	78.6	79.0	79.0	79.2	79.4	79.4	79.6	79.7	79.7	79.9	79.9	79.9	80.1
≥ 600	72.8	78.9	79.9	81.0	81.4	81.4	81.5	81.8	81.8	81.9	82.1	82.1	82.2	82.2	82.2	82.5
≥ 500	73.6	79.9	80.8	81.9	82.4	82.4	82.5	82.8	82.8	82.9	83.1	83.1	83.2	83.2	83.2	83.5
≥ 450	74.7	81.0	82.2	83.3	83.8	83.8	83.9	84.2	84.2	84.3	84.4	84.4	84.6	84.6	84.6	84.9
≥ 400	75.1	81.7	83.1	84.2	84.6	84.6	84.7	85.0	85.0	85.1	85.3	85.3	85.4	85.4	85.4	85.7
≥ 350	75.4	81.9	83.5	84.6	85.0	85.0	85.1	85.4	85.4	85.6	85.7	85.7	85.8	85.8	85.8	86.1
≥ 300	76.7	83.3	85.1	86.4	86.8	86.8	86.9	87.2	87.2	87.4	87.5	87.5	87.6	87.6	87.6	87.9
≥ 250	78.1	85.1	86.9	88.2	88.8	88.8	88.9	89.2	89.2	89.3	89.4	89.4	89.6	89.6	89.6	89.9
≥ 200	78.8	86.4	89.3	89.7	90.3	90.3	90.4	90.7	90.7	90.8	91.0	91.0	91.1	91.1	91.1	91.4
≥ 180	79.0	86.7	88.6	90.0	90.6	90.6	90.7	91.0	91.0	91.1	91.3	91.3	91.4	91.4	91.4	91.7
≥ 150	79.7	87.4	89.3	90.7	91.3	91.3	91.4	91.7	91.7	91.8	91.9	91.9	92.1	92.1	92.1	92.4
≥ 120	80.3	87.9	89.9	91.3	91.9	91.9	92.1	92.5	92.5	92.6	92.8	92.8	92.9	92.9	92.9	93.2
≥ 100	80.4	88.2	90.1	91.5	92.4	92.5	92.6	93.1	93.1	93.2	93.3	93.3	93.5	93.5	93.5	93.8
≥ 90	80.6	88.8	90.8	92.2	93.2	93.5	93.6	94.0	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.7
≥ 80	80.7	89.2	91.3	92.8	93.8	94.0	94.2	94.6	94.6	94.7	94.9	94.9	95.0	95.0	95.0	95.3
≥ 70	80.8	89.6	91.7	93.2	94.6	95.0	95.1	95.6	95.6	95.7	95.8	95.8	96.0	96.0	96.0	96.3
≥ 60	80.8	89.9	92.2	93.9	95.6	96.0	96.1	96.5	96.5	96.7	96.8	96.8	97.1	97.1	97.1	97.4
≥ 50	81.0	90.0	92.4	94.3	96.0	96.4	96.5	96.9	96.9	97.1	97.2	97.2	97.5	97.5	97.5	97.8
≥ 40	81.1	90.3	92.8	95.0	96.7	97.1	97.4	97.8	97.8	97.9	98.1	98.1	98.3	98.3	98.3	98.6
≥ 30	81.1	90.4	93.1	95.3	97.1	97.5	97.8	98.2	98.2	98.3	98.6	98.6	99.0	99.0	99.0	99.3
≥ 20	81.1	90.4	93.1	95.3	97.1	97.5	97.8	98.2	98.2	98.5	98.9	98.9	99.4	99.4	99.4	99.7
≥ 10	81.1	90.4	93.1	95.3	97.1	97.5	97.8	98.2	98.2	98.5	98.9	98.9	99.6	99.6	99.6	100.0
≥ 0	81.1	90.4	93.1	95.3	97.1	97.5	97.8	98.2	98.2	98.5	98.9	98.9	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17547

KANSAS CITY INTL MO

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	59.2	63.8	64.7	65.1	65.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.3	66.3	66.4
≥ 2000	60.6	65.3	65.6	66.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.8	67.8	67.9
≥ 1800	60.6	65.3	65.6	66.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.8	67.8	67.9
≥ 1600	60.6	65.3	65.6	66.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.8	67.8	67.9
≥ 1400	61.4	66.3	66.5	67.6	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.8	68.8	68.9
≥ 1200	62.5	67.4	67.6	68.8	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.9	69.9	70.1
≥ 1000	64.7	69.6	69.9	71.0	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.1	72.1	72.2
≥ 900	65.9	71.3	71.5	72.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.9	73.9	74.2
≥ 800	67.9	73.5	73.8	75.0	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.1	76.1	76.3
≥ 700	68.3	73.9	74.2	75.4	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.8
≥ 600	69.2	74.7	75.0	76.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4	77.4	77.6
≥ 500	70.1	75.7	76.1	77.4	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.5	78.5	78.8
≥ 4500	71.1	76.8	77.2	78.5	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.7	79.7	80.0
≥ 4000	71.9	77.8	78.2	79.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.7	80.7	81.0
≥ 3500	72.4	78.3	78.8	80.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.4	81.4	81.7
≥ 3000	73.6	80.1	80.7	82.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.6	83.6	83.9
≥ 2500	74.3	81.4	82.2	83.8	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.4
≥ 2000	75.0	82.4	83.5	85.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.8
≥ 800	75.3	82.8	83.9	85.6	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.9	86.9	87.2
≥ 1500	76.3	83.8	85.0	86.7	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.2	88.2	88.5
≥ 1200	76.7	84.2	85.4	87.1	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.9	88.9	89.2
≥ 1000	77.2	85.3	86.8	88.5	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.4	90.4	90.7
≥ 900	77.4	85.6	87.1	88.8	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.8	90.8	91.1
≥ 800	77.5	86.0	87.8	89.6	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.8	91.8	92.1
≥ 700	77.5	86.4	88.2	90.0	91.8	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.6	92.6	92.9
≥ 600	77.6	86.9	88.8	90.7	92.6	92.6	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.6	93.6	93.9
≥ 500	77.6	87.4	89.6	91.8	93.9	93.9	94.4	94.7	94.7	94.7	94.7	94.7	94.7	95.1	95.1	95.4
≥ 400	77.6	87.4	89.7	92.5	94.9	94.9	95.4	95.7	95.7	95.7	95.7	95.7	95.7	96.3	96.3	96.5
≥ 300	77.6	87.4	89.7	92.5	94.9	95.1	95.8	96.3	96.3	96.5	96.9	96.9	96.9	97.5	97.5	97.8
≥ 200	77.6	87.4	89.7	92.5	94.9	95.1	95.8	96.5	96.5	96.9	97.4	97.4	97.4	98.3	98.3	98.8
≥ 100	77.6	87.5	89.9	92.6	95.0	95.3	96.0	96.7	96.7	97.1	97.5	97.5	97.5	98.5	98.5	99.4
≥ 0	77.6	87.5	89.9	92.6	95.0	95.3	96.0	96.7	96.7	97.1	97.5	97.5	97.5	98.6	98.6	99.2

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13947

KANSAS CITY INTL MO

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/8	≥ 0
NO CEILING	38.5	47.1	49.2	51.6	53.1	53.8	54.8	54.9	54.9	55.1	55.1	55.1	55.4	55.5	55.5	55.9
≥ 2000	41.4	51.2	53.4	56.1	57.6	58.3	59.2	59.4	59.4	59.5	59.5	59.5	59.8	59.9	59.9	60.4
≥ 1800	41.4	51.2	53.4	56.1	57.6	58.3	59.2	59.4	59.4	59.5	59.5	59.5	59.8	59.9	59.9	60.4
≥ 1600	41.4	51.2	53.4	56.1	57.6	58.3	59.2	59.4	59.4	59.5	59.5	59.5	59.8	59.9	59.9	60.4
≥ 1400	42.1	52.0	54.2	56.9	58.4	59.1	60.1	60.2	60.2	60.4	60.4	60.4	60.6	60.8	60.8	61.2
≥ 1200	43.1	53.5	55.8	58.4	60.2	60.9	61.9	62.0	62.0	62.2	62.2	62.2	62.4	62.6	62.6	63.0
≥ 1000	46.0	56.9	59.1	62.0	63.8	64.5	65.5	65.6	65.6	65.8	65.8	65.8	66.1	66.2	66.2	66.6
≥ 900	47.0	58.4	60.6	63.7	65.6	66.3	67.3	67.5	67.5	67.6	67.6	67.6	67.9	68.0	68.0	68.4
≥ 800	48.3	60.4	62.7	65.8	67.7	68.4	69.4	69.5	69.5	69.7	69.7	69.7	70.0	70.1	70.1	70.5
≥ 700	48.7	61.2	63.6	66.6	68.6	69.3	70.2	70.4	70.4	70.5	70.5	70.5	70.8	70.9	70.9	71.3
≥ 600	49.8	62.6	65.0	68.2	70.1	70.8	71.8	71.9	71.9	72.0	72.0	72.0	72.3	72.5	72.5	72.9
≥ 500	51.5	64.4	66.9	70.1	72.0	72.7	73.7	73.9	73.9	74.0	74.0	74.0	74.3	74.4	74.4	74.8
≥ 450	52.2	65.5	68.2	71.5	73.4	74.1	75.2	75.4	75.4	75.5	75.5	75.5	75.8	75.9	75.9	76.4
≥ 400	52.6	66.2	69.0	72.3	74.4	75.1	76.2	76.4	76.4	76.5	76.5	76.5	76.8	76.9	76.9	77.3
≥ 350	53.4	67.2	70.0	73.3	75.4	76.1	77.2	77.3	77.3	77.5	77.5	77.5	77.7	77.9	77.9	78.3
≥ 300	54.2	68.4	71.2	74.7	76.8	77.5	78.6	78.7	78.7	78.9	78.9	78.9	79.4	79.6	79.6	80.0
≥ 250	54.9	69.4	72.2	75.9	78.0	78.7	80.0	80.1	80.1	80.3	80.3	80.3	80.8	80.9	80.9	81.4
≥ 200	55.9	70.7	73.4	77.5	79.7	80.4	81.8	82.1	82.1	82.2	82.2	82.2	82.8	82.9	82.9	83.3
≥ 180	56.1	70.8	73.7	77.7	80.1	80.8	82.2	82.5	82.5	82.6	82.6	82.6	83.2	83.3	83.3	83.7
≥ 150	56.5	71.2	74.3	78.4	80.8	81.5	82.9	83.2	83.2	83.4	83.4	83.4	84.0	84.1	84.1	84.5
≥ 120	56.9	71.8	75.1	79.3	81.6	82.3	83.7	84.0	84.0	84.3	84.3	84.3	85.0	85.1	85.1	85.5
≥ 100	57.4	72.5	75.8	80.0	82.3	83.3	85.1	85.4	85.4	85.7	85.7	85.7	86.4	86.5	86.5	86.9
≥ 90	57.4	72.7	76.1	80.3	82.6	83.6	85.4	85.7	85.7	86.1	86.1	86.1	86.8	86.9	86.9	87.3
≥ 80	57.6	73.9	77.2	81.5	84.0	85.0	86.8	87.2	87.2	87.6	87.6	87.6	88.3	88.5	88.5	88.9
≥ 70	57.7	74.3	77.7	82.1	85.0	86.0	87.8	88.3	88.3	88.7	88.7	88.7	89.4	89.6	89.6	90.0
≥ 60	57.7	74.4	78.2	82.9	86.0	86.9	88.9	89.4	89.4	89.8	89.8	89.8	90.7	90.8	90.8	91.2
≥ 50	57.9	75.0	78.7	83.4	86.8	87.9	90.0	90.5	90.5	91.1	91.1	91.1	91.9	92.1	92.1	92.5
≥ 40	57.9	75.1	78.9	83.7	87.2	88.5	90.5	91.4	91.4	91.9	91.9	91.9	92.9	93.0	93.0	93.5
≥ 30	58.0	75.2	79.0	84.0	87.5	88.7	90.8	92.4	92.4	93.3	93.3	93.3	94.4	94.6	94.6	95.1
≥ 20	58.0	75.2	79.0	84.1	87.6	89.0	91.1	92.8	92.8	94.0	94.2	94.2	96.1	96.2	96.2	97.1
≥ 10	58.0	75.2	79.0	84.1	87.6	89.0	91.1	92.8	92.9	94.3	94.7	94.7	96.9	97.1	97.2	98.5
≥ 0	58.0	75.2	79.0	84.1	87.6	89.0	91.1	92.8	92.9	94.3	94.7	94.7	97.1	97.2	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS

719

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1947

KANSAS CITY INTL MO

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0930-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	40.4	52.6	54.4	56.0	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
≥ 2000	44.7	56.8	58.8	60.4	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.1
≥ 1800	44.7	56.8	58.8	60.4	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.1
≥ 1600	44.7	56.8	58.8	60.4	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.1
≥ 1400	44.9	57.8	59.7	61.4	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.1
≥ 1200	46.4	59.4	61.4	63.2	64.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.9
≥ 1000	48.2	61.9	63.9	65.8	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5
≥ 900	49.3	63.1	65.3	67.2	68.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
≥ 800	49.6	63.8	66.0	67.9	69.2	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7
≥ 700	50.4	65.0	67.2	69.2	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.0
≥ 600	51.4	66.3	68.6	70.6	71.8	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.4
≥ 500	51.8	66.7	69.2	71.1	72.4	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 450	52.1	67.5	70.0	72.1	73.3	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0
≥ 400	53.2	68.8	71.3	73.6	74.9	75.0	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	76.0
≥ 350	53.6	69.4	72.2	74.6	76.1	76.3	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.2
≥ 300	54.2	70.4	73.2	75.6	77.2	77.4	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.3
≥ 250	55.1	71.9	75.0	77.4	79.0	79.2	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.3
≥ 200	56.1	74.0	77.1	79.4	81.1	81.3	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.5
≥ 180	56.7	74.9	78.1	80.6	82.1	82.4	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.6
≥ 150	57.8	76.3	79.6	82.2	84.2	84.3	85.3	85.3	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.7
≥ 120	59.1	78.5	82.2	84.9	86.8	86.9	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.5
≥ 100	59.6	79.3	83.9	86.7	88.6	88.8	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.3
≥ 90	59.6	79.7	84.6	87.4	89.3	89.4	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	91.0
≥ 80	59.7	80.0	85.4	88.6	91.1	91.3	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.8
≥ 70	59.7	80.1	85.7	89.4	92.1	92.2	93.3	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.8
≥ 60	60.1	81.3	86.8	90.7	93.3	93.5	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.3
≥ 50	60.3	81.5	87.2	91.4	94.0	94.2	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	96.0
≥ 40	60.4	81.9	87.8	92.4	95.0	95.4	96.9	97.2	97.2	97.2	97.9	97.9	97.9	98.1	98.1	98.2
≥ 30	60.4	81.9	87.8	92.4	95.0	95.4	97.2	97.6	97.6	97.6	98.5	98.6	98.6	98.9	98.9	99.2
≥ 20	60.4	81.9	87.8	92.4	95.0	95.4	97.2	97.8	97.8	97.8	98.6	98.8	98.8	99.2	99.2	99.6
≥ 10	60.4	81.9	87.8	92.4	95.0	95.4	97.2	97.8	97.8	97.8	98.8	98.9	98.9	99.3	99.3	99.9
≥ 0	60.4	81.9	87.8	92.4	95.0	95.4	97.2	97.8	97.8	97.8	98.8	98.9	98.9	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

73-47

KANSAS CITY INTL MO

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO RECORD ≥ 20000	49.4	58.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000	53.1	62.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 16000	53.2	62.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000	53.2	62.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 12000	53.9	63.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	56.8	66.9	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 9000	59.4	70.7	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 8000	60.3	71.5	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 7000	61.3	72.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 6000	61.4	73.1	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 5000	61.4	73.2	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	62.1	74.2	76.0	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4000	62.2	74.4	76.3	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3500	62.6	74.9	76.8	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3000	63.3	76.1	78.1	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2500	64.9	77.8	80.3	80.3	80.7	80.7	80.7	80.7	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2000	67.2	80.8	83.2	83.6	84.2	84.2	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1800	69.7	84.6	87.1	87.5	88.1	88.1	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1500	70.0	85.6	88.3	88.8	89.3	89.3	89.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1200	71.4	88.5	91.4	91.9	92.5	92.5	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	72.1	90.4	93.3	93.9	94.4	94.4	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	72.1	91.7	94.6	95.7	96.3	96.3	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	72.2	91.8	95.1	96.3	96.8	96.8	97.2	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	72.5	92.2	95.7	96.8	97.5	97.6	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	72.6	92.5	96.0	97.1	97.8	97.9	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	73.1	92.9	96.4	97.6	98.3	98.5	98.9	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	73.1	92.9	96.4	97.8	98.5	98.6	99.3	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	73.1	92.9	96.4	97.8	98.5	98.6	99.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	73.1	92.9	96.4	97.8	98.5	98.6	99.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	73.1	92.9	96.4	97.8	98.5	98.6	99.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	73.1	92.9	96.4	97.8	98.5	98.6	99.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7447  
STATION

KANSAS CITY INTL MO  
STATION NAME

73-80  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING	53.1	58.3	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000	59.9	63.6	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	59.9	65.6	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	59.9	65.6	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	60.4	66.3	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 12000	61.5	67.9	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000	64.7	72.2	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000	64.9	72.4	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000	66.3	74.6	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	66.7	75.8	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	67.4	76.7	77.5	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	67.8	77.5	78.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500	68.6	78.5	79.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4000	70.3	80.3	81.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3500	71.4	81.4	82.6	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3000	72.8	83.8	85.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2500	75.3	87.1	88.3	89.3	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2000	77.1	90.3	91.7	92.6	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	77.9	92.2	93.6	94.6	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	78.1	93.5	94.9	96.3	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	78.2	93.8	95.1	96.9	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	78.5	94.0	95.4	97.4	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	78.5	94.0	95.4	97.4	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	78.5	94.0	95.6	97.5	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	78.8	94.3	95.8	97.8	98.3	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	78.8	94.3	95.8	97.8	98.3	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	78.9	94.4	96.0	97.9	98.5	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	78.9	94.4	96.0	97.9	98.5	98.6	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	78.9	94.4	96.0	97.9	98.5	98.6	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	78.9	94.4	96.0	97.9	98.5	98.6	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	78.9	94.4	96.0	97.9	98.5	98.6	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	78.9	94.4	96.0	97.9	98.5	98.6	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1347

KANSAS CITY INTL MO

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1850-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ 0
NO CEILING ≥ 2000	57.1	62.4	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3
≥ 1800 ≥ 1500	62.2	67.8	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8
≥ 1400 ≥ 1200	62.4	67.9	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
≥ 1000 ≥ 900	62.9	68.8	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7
≥ 800 ≥ 700	65.0	71.3	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2
≥ 600 ≥ 500	68.9	75.4	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4
≥ 450 ≥ 400	70.0	76.7	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6
≥ 350 ≥ 300	71.1	78.6	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0
≥ 250 ≥ 200	72.1	79.9	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3
≥ 180 ≥ 150	72.6	80.4	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
≥ 120 ≥ 100	73.5	81.4	82.9	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 90 ≥ 80	75.4	83.3	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6
≥ 70 ≥ 60	76.1	84.2	86.0	86.5	86.5	86.5	86.5	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
≥ 50 ≥ 40	77.5	86.4	88.2	88.8	88.8	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 30 ≥ 20	78.2	87.4	89.3	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 18 ≥ 15	79.2	88.6	90.6	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 12 ≥ 10	80.1	89.9	91.9	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 8 ≥ 6	81.0	91.1	93.3	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 5 ≥ 4	81.7	92.1	94.3	95.1	95.3	95.3	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3 ≥ 2	82.2	92.9	95.3	96.1	96.4	96.4	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1.5 ≥ 1.0	82.2	93.6	96.1	97.2	97.5	97.5	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ .75 ≥ .5	82.2	93.6	96.1	97.2	97.5	97.5	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ .25 ≥ .15	82.4	93.9	96.4	97.6	97.9	97.9	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ .1 ≥ .05	82.4	93.9	96.4	97.6	97.9	97.9	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ .02 ≥ .01	82.4	93.9	96.4	97.6	97.9	97.9	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ .005 ≥ .002	82.4	93.9	96.4	97.6	97.9	97.9	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ .001 ≥ .000	82.4	93.9	96.4	97.6	97.9	97.9	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03547  
STATION

KANSAS CITY INTL MO  
STATION NAME

73-80  
YEARS

SEP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	63.6	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.4
≥ 2000	66.7	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	73.1
≥ 1800	66.7	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	73.1
≥ 1600	66.7	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	73.1
≥ 1400	67.5	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.8	73.8	73.9
≥ 1200	69.3	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.7
≥ 1000	71.8	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.5
≥ 900	72.4	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.2
≥ 800	73.2	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.9	79.9	80.0
≥ 700	73.8	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.3
≥ 600	75.1	81.8	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.8	82.8	82.9
≥ 500	76.4	83.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.9
≥ 450	77.9	85.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.9
≥ 400	79.0	87.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.5	88.6
≥ 350	79.4	87.8	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.4
≥ 300	80.1	88.6	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.4
≥ 250	81.3	89.7	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.5
≥ 200	82.5	91.3	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	93.1
≥ 180	82.9	91.7	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.5
≥ 150	83.8	92.8	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.7
≥ 120	84.7	94.0	95.6	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.3	96.3	96.4
≥ 100	84.7	94.2	95.7	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.7
≥ 80	84.9	94.3	95.8	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	97.1	97.1	97.2
≥ 70	85.0	94.4	96.0	96.8	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.8	97.8	97.9
≥ 60	85.0	94.4	96.0	96.8	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.8	97.8	97.9
≥ 50	85.0	94.4	96.0	96.9	97.5	97.5	97.6	97.6	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.3
≥ 40	85.0	94.4	96.0	96.9	97.5	97.5	97.6	97.6	97.6	97.6	98.1	98.1	98.1	98.2	98.2	98.3
≥ 30	85.0	94.4	96.0	96.9	97.5	97.5	97.6	97.6	97.6	97.6	98.3	98.3	98.3	98.5	98.5	98.9
≥ 20	85.0	94.4	96.0	96.9	97.5	97.5	97.6	97.6	97.6	97.6	98.3	98.3	98.3	98.5	98.5	98.9
≥ 10	85.0	94.4	96.0	96.9	97.5	97.5	97.6	97.6	97.6	97.6	98.3	98.3	98.3	98.5	98.5	98.9
≥ 0	85.0	94.4	96.0	96.9	97.5	97.5	97.6	97.6	97.6	97.6	98.3	98.3	98.3	98.5	98.5	98.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12947

KANSAS CITY INTL MO

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	52.8	59.8	60.7	61.6	62.1	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.6	62.7
≥ 2000	56.5	63.9	64.9	65.8	66.3	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.8	66.9
≥ 1800	56.5	63.9	64.9	65.8	66.3	66.4	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.8	66.8	67.0
≥ 1600	56.5	63.9	64.9	65.8	66.3	66.4	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.8	66.8	67.2
≥ 1400	57.2	64.7	65.7	66.6	67.1	67.2	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.6	67.6	67.8
≥ 1200	58.9	66.6	67.7	68.6	69.1	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.6	69.6	69.9
≥ 1000	61.5	69.8	70.8	71.8	72.3	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	73.0
≥ 900	62.4	70.9	72.0	73.0	73.5	73.6	73.8	73.8	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.2
≥ 800	63.5	72.4	73.6	74.6	75.2	75.3	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.7	75.7	75.8
≥ 700	64.0	73.2	74.5	75.5	76.1	76.2	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.6	76.6	76.9
≥ 600	65.0	74.3	75.6	76.7	77.3	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.9
≥ 500	65.8	75.4	76.9	78.1	78.6	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.2	79.3
≥ 450	66.8	76.6	78.1	79.3	79.9	80.0	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.5	80.5	80.7
≥ 400	67.6	77.6	79.3	80.5	81.1	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.8	81.8	81.9
≥ 350	68.3	78.6	80.3	81.5	82.2	82.3	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.9	82.9	83.0
≥ 300	69.3	80.0	81.8	83.1	83.8	83.9	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.6	84.7
≥ 250	70.7	81.8	83.7	85.0	85.8	85.9	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.6	86.6	86.7
≥ 200	71.9	83.7	85.7	87.2	87.9	88.1	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.8	88.8	89.0
≥ 180	72.4	84.5	86.6	88.0	88.9	89.0	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.7	89.7	89.9
≥ 150	73.1	85.7	87.8	89.4	90.3	90.4	90.8	90.9	90.9	91.1	91.1	91.1	91.1	91.2	91.2	91.4
≥ 120	73.8	86.7	89.0	90.6	91.6	91.7	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.6	92.6	92.8
≥ 100	74.0	87.3	89.8	91.6	92.6	92.8	93.3	93.4	93.4	93.5	93.6	93.6	93.6	93.7	93.8	93.9
≥ 90	74.1	87.5	90.1	91.9	92.9	93.1	93.6	93.7	93.7	93.9	93.9	93.9	93.9	94.1	94.1	94.3
≥ 80	74.2	87.9	90.6	92.5	93.7	93.9	94.4	94.5	94.5	94.7	94.7	94.7	94.7	94.9	94.9	95.1
≥ 70	74.3	88.2	90.9	93.0	94.3	94.6	95.1	95.3	95.3	95.5	95.5	95.5	95.5	95.6	95.7	95.8
≥ 60	74.4	88.5	91.3	93.5	94.9	95.1	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.3	96.3	96.5
≥ 50	74.5	88.7	91.6	93.9	95.4	95.6	96.3	96.5	96.5	96.8	96.8	96.8	96.8	97.0	97.0	97.2
≥ 40	74.5	88.8	91.7	94.3	95.8	96.1	96.9	97.2	97.2	97.6	97.6	97.6	97.6	97.9	97.9	98.1
≥ 30	74.6	88.9	91.8	94.4	95.9	96.3	97.1	97.6	97.6	98.1	98.2	98.2	98.2	98.6	98.6	98.9
≥ 20	74.6	88.9	91.8	94.4	96.0	96.4	97.2	97.7	97.7	98.3	98.5	98.5	98.5	99.0	99.1	99.4
≥ 10	74.6	88.9	91.8	94.4	96.0	96.4	97.2	97.7	97.8	98.4	98.6	98.6	98.6	99.2	99.3	99.7
≥ 0	74.6	88.9	91.8	94.4	96.0	96.4	97.2	97.7	97.8	98.4	98.6	98.6	98.6	99.3	99.3	99.5

TOTAL NUMBER OF OBSERVATIONS 5759

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13447

KANSAS CITY INTL MO

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	71.2	73.5	73.7	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6
≥ 18000 ≥ 15000	72.6	75.1	75.3	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2
≥ 14000 ≥ 12000	72.6	75.1	75.3	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2
≥ 10000 ≥ 8000	72.7	75.3	75.4	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3
≥ 6000 ≥ 5000	74.6	77.2	77.3	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2
≥ 4500 ≥ 4000	75.8	78.5	78.6	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6
≥ 3500 ≥ 3000	77.4	80.2	80.5	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.5	81.5	81.5
≥ 2500 ≥ 2000	78.1	80.9	81.2	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1
≥ 1800 ≥ 1500	79.4	82.8	83.1	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0
≥ 1200 ≥ 1000	79.8	83.2	83.5	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4
≥ 900 ≥ 800	80.6	84.0	84.4	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.5	85.5	85.5
≥ 700 ≥ 600	81.7	85.3	85.8	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.9	86.8	86.8
≥ 500 ≥ 400	82.1	85.8	86.2	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2
≥ 300 ≥ 200	82.8	86.7	87.2	88.0	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7
≥ 150 ≥ 100	83.6	87.6	88.2	89.0	89.1	89.2	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.8	89.8	89.8
≥ 50 ≥ 0	84.7	88.8	89.7	90.5	90.6	90.7	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.4	91.4	91.4
≥ 0	85.1	89.7	90.7	91.5	91.7	91.8	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.5	92.5	92.5
≥ 0	85.5	90.1	91.5	92.3	92.5	92.6	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.3	93.3	93.3
≥ 0	85.9	91.1	92.3	93.1	93.3	93.4	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.1	94.1	94.1
≥ 0	86.0	91.4	92.9	94.0	94.2	94.4	94.8	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.0	95.0
≥ 0	86.3	91.8	93.4	94.5	94.8	94.9	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.6	95.6	95.6
≥ 0	86.3	91.8	93.7	94.8	95.0	95.2	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8
≥ 0	86.3	91.8	93.7	94.8	95.0	95.2	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.1	96.1	96.1
≥ 0	86.3	92.1	94.0	95.0	95.3	95.4	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.4	96.4	96.4
≥ 0	86.4	92.3	94.2	95.4	95.8	96.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.3
≥ 0	86.4	92.3	94.2	95.6	96.1	96.2	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8
≥ 0	86.4	92.5	94.4	95.8	96.4	96.5	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.3
≥ 0	86.4	92.5	94.4	95.8	96.6	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.9	98.9	99.5
≥ 0	86.4	92.5	94.4	96.1	96.9	97.0	98.4	98.4	98.4	99.1	99.1	99.1	99.1	99.3	99.3	99.9
≥ 0	86.4	92.5	94.4	96.1	96.9	97.0	98.4	98.4	98.4	99.2	99.2	99.2	99.2	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13047 KANSAS CITY INTL MO

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1307-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	67.3	68.8	69.5	70.2	70.6	70.7	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2
≥ 2000	69.2	70.7	71.4	72.0	72.6	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3
≥ 1800	69.2	70.7	71.4	72.0	72.6	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3
≥ 1600	69.2	70.7	71.4	72.0	72.6	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3
≥ 1400	69.5	71.0	71.6	72.3	72.8	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5
≥ 1200	70.4	71.9	72.7	73.4	73.9	74.1	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6
≥ 1000	72.7	74.3	75.1	76.2	76.7	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4
≥ 800	74.1	75.7	76.5	77.6	78.1	78.2	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8
≥ 600	75.4	77.0	77.8	78.9	79.4	79.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1
≥ 400	76.5	78.1	78.9	80.0	80.5	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.2
≥ 200	77.3	78.9	79.7	80.9	81.5	81.6	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4
≥ 100	77.4	79.2	80.0	81.2	81.7	81.9	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7
≥ 80	77.8	79.7	80.5	81.9	82.4	82.5	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3
≥ 60	78.9	80.9	81.7	83.1	83.6	83.7	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5
≥ 40	79.2	81.6	82.4	83.7	84.3	84.4	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2
≥ 20	79.4	82.4	83.2	84.5	85.1	85.2	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0
≥ 10	79.6	82.7	83.6	84.9	85.6	85.8	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.6
≥ 5	80.6	84.4	85.5	86.8	87.5	87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4
≥ 3	81.5	85.5	86.6	87.9	88.7	88.8	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.7	89.7	89.7
≥ 1	82.3	86.2	87.6	89.0	89.8	89.9	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7
≥ 0	82.4	87.0	88.6	89.9	91.0	91.1	91.7	91.8	91.8	91.9	91.9	91.9	91.9	92.1	92.1	92.1
≥ 0	83.6	88.3	89.9	91.3	92.6	92.7	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.7	93.7	93.7
≥ 0	83.6	88.4	90.2	91.5	92.9	93.0	93.5	93.7	93.7	93.8	93.8	93.8	93.8	94.0	94.0	94.0
≥ 0	83.6	88.6	90.3	91.7	93.0	93.1	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.1	94.1	94.1
≥ 0	83.6	88.8	90.6	91.9	93.3	93.4	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.5	94.5	94.5
≥ 0	83.7	89.0	90.7	92.2	93.7	93.8	94.6	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.0	95.0
≥ 0	83.7	89.7	91.4	92.9	94.6	94.8	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2
≥ 0	84.0	90.2	92.1	93.7	95.4	95.6	96.5	96.8	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0
≥ 0	84.0	90.2	92.3	94.2	96.2	96.4	97.7	98.3	98.3	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 0	84.0	90.2	92.3	94.2	96.2	96.4	97.7	98.3	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1
≥ 0	84.0	90.2	92.3	94.2	96.2	96.4	97.7	98.3	98.3	98.9	98.9	98.9	98.9	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13-47

KANSAS CITY INTL MO

73-80

007

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-2400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
NO CEILING	57.3	61.0	62.2	62.5	62.9	63.4	63.8	64.4	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7
2 2000	59.8	63.8	65.2	65.6	66.3	66.3	67.2	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0
2 1800	60.1	64.1	65.5	65.9	66.5	67.1	67.5	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3
2 1600	60.1	64.1	65.5	65.9	66.5	67.1	67.5	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3
2 1400	60.3	64.4	65.7	66.1	66.8	67.3	67.7	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5
2 1200	62.5	66.7	68.0	68.4	69.1	69.8	70.4	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2
2 1000	63.6	68.4	69.8	70.3	71.0	71.6	72.3	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1
2 900	65.2	70.3	71.6	72.2	73.0	73.7	74.3	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
2 800	66.7	72.0	73.5	74.2	75.0	75.7	76.3	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2
2 700	68.1	73.5	75.4	76.1	76.9	77.6	78.2	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0
2 600	69.8	75.3	77.3	78.0	79.8	79.4	80.2	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0
2 500	70.0	75.7	77.8	78.5	79.3	80.0	80.8	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6
2 450	70.0	75.7	78.0	78.8	79.6	80.2	81.0	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9
2 400	70.6	76.5	78.8	79.7	80.6	81.3	82.1	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9
2 350	70.8	76.9	79.2	80.1	81.0	81.7	82.5	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3
2 300	71.4	77.6	79.8	80.8	81.7	82.4	83.2	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0
2 250	71.6	79.2	80.8	81.9	82.8	83.5	84.4	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3
2 200	72.2	79.3	82.0	83.1	84.0	84.7	85.6	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6
2 1800	72.8	80.2	82.9	84.0	84.9	85.6	86.7	87.2	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6
2 1500	73.3	80.9	84.0	85.3	86.3	87.0	88.0	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2
2 1200	73.8	82.1	85.3	86.8	88.0	88.7	89.8	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0
2 1000	73.9	82.7	85.9	87.4	88.6	89.2	90.3	91.1	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7
2 900	73.9	82.9	86.3	87.8	89.0	89.7	90.9	91.7	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2
2 800	73.9	83.1	86.6	88.0	89.4	90.1	91.3	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6
2 700	74.1	83.2	86.8	88.4	89.9	90.6	91.8	92.6	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1
2 600	74.3	83.6	87.2	89.1	90.7	91.4	92.7	93.7	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2
2 500	74.2	83.7	87.5	89.4	91.0	91.7	93.4	94.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9
2 400	74.2	83.9	87.8	89.8	91.5	92.3	94.4	95.3	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8
2 300	74.2	83.9	87.8	89.9	91.8	92.6	94.9	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6
2 200	74.2	84.0	87.9	90.2	92.1	92.9	95.3	96.8	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6
2 100	74.2	84.0	87.9	90.2	92.1	92.9	95.3	96.8	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6
2 0	74.2	84.0	87.9	90.2	92.1	92.9	95.3	96.8	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7547

KANSAS CITY INTL MO

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1980-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 0	≥ 0.25	≥ 0.5	≥ 0.75	≥ 1	≥ 1.5	≥ 2	≥ 2.5	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
NO CEILING ≥ 20000	57.3	64.2	64.5	65.1	65.1	65.2	65.3	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 18000 ≥ 16000	59.9	66.9	67.3	67.9	68.0	68.1	68.3	68.5	68.5	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000 ≥ 14000	60.2	67.3	67.9	68.5	68.7	68.8	69.0	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 14000 ≥ 12000	60.2	67.3	67.9	68.5	68.7	68.8	69.0	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 12000 ≥ 10000	62.6	70.0	70.7	71.4	71.5	71.6	71.8	72.0	72.0	72.4	72.4	72.4	72.6	72.6	72.6	72.6
≥ 10000 ≥ 9000	64.2	71.8	72.4	73.1	73.3	73.4	73.5	73.8	73.8	74.2	74.2	74.2	74.3	74.3	74.3	74.3
≥ 9000 ≥ 8000	64.9	72.6	73.3	73.9	74.1	74.2	74.3	74.6	74.6	75.0	75.0	75.0	75.1	75.1	75.1	75.1
≥ 8000 ≥ 7000	65.2	73.5	74.5	75.4	75.5	75.7	75.8	76.1	76.1	76.5	76.5	76.5	76.6	76.6	76.6	76.6
≥ 7000 ≥ 6000	65.7	74.1	75.0	75.9	76.1	76.2	76.5	76.7	76.7	77.2	77.2	77.2	77.3	77.3	77.3	77.3
≥ 6000 ≥ 5000	66.4	75.0	76.1	77.0	77.2	77.3	77.6	77.8	77.8	78.2	78.2	78.2	78.4	78.4	78.4	78.4
≥ 5000 ≥ 4500	66.8	75.8	77.2	78.1	78.2	78.4	78.6	78.9	78.9	79.3	79.3	79.3	79.4	79.4	79.4	79.4
≥ 4500 ≥ 4000	67.1	76.3	77.7	78.8	78.9	79.0	79.3	79.6	79.6	80.0	80.0	80.0	80.1	80.1	80.1	80.1
≥ 4000 ≥ 3500	67.3	76.7	78.1	79.2	79.3	79.6	80.1	80.4	80.4	80.8	80.8	80.8	80.9	80.9	80.9	80.9
≥ 3500 ≥ 3000	67.5	76.9	78.2	79.3	79.4	79.7	80.2	80.5	80.5	80.9	80.9	80.9	81.0	81.0	81.0	81.0
≥ 3000 ≥ 2500	67.7	77.4	78.8	79.8	80.1	80.4	81.0	81.3	81.3	81.7	81.7	81.7	81.9	81.9	81.9	81.9
≥ 2500 ≥ 2000	68.7	78.5	80.0	81.0	81.3	81.6	82.4	82.7	82.7	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 2000 ≥ 1800	69.9	80.5	82.0	83.3	83.6	83.9	84.8	85.1	85.1	85.5	85.5	85.5	85.6	85.6	85.6	85.6
≥ 1800 ≥ 1500	70.6	81.5	83.1	84.4	84.7	84.9	86.0	86.3	86.3	86.7	86.7	86.7	86.8	86.8	86.8	86.8
≥ 1500 ≥ 1200	71.5	83.7	85.5	87.0	87.4	87.6	88.8	89.1	89.1	89.5	89.5	89.5	89.7	89.7	89.7	89.7
≥ 1200 ≥ 1000	71.9	84.7	86.7	88.4	89.1	89.4	90.6	90.9	90.9	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 1000 ≥ 900	72.2	85.5	87.5	89.2	90.2	90.5	91.7	91.9	91.9	92.3	92.3	92.3	92.5	92.5	92.5	92.5
≥ 900 ≥ 800	72.2	85.9	88.0	89.8	90.7	91.0	92.2	92.5	92.5	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 800 ≥ 700	72.3	86.2	88.3	90.2	91.1	91.4	92.6	92.9	92.9	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 700 ≥ 600	72.4	87.0	89.2	91.1	92.6	92.9	94.1	94.4	94.4	94.8	94.8	94.8	94.9	94.9	94.9	94.9
≥ 600 ≥ 500	72.4	87.1	89.5	91.4	92.9	93.3	94.9	95.3	95.3	95.8	95.8	95.8	96.0	96.0	96.0	96.0
≥ 500 ≥ 400	72.4	87.2	89.9	91.9	93.5	94.1	95.8	96.2	96.2	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 400 ≥ 300	72.4	87.2	89.9	91.9	93.7	94.5	96.6	97.2	97.2	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 300 ≥ 200	72.4	87.2	89.9	91.9	93.8	94.6	96.8	97.6	97.6	98.5	98.5	98.7	99.3	99.3	99.3	99.3
≥ 200 ≥ 100	72.4	87.2	89.9	91.9	93.8	94.6	96.8	97.7	97.7	98.7	98.7	98.8	99.6	99.6	99.6	99.6
≥ 100 ≥ 0	72.4	87.2	89.9	91.9	93.8	94.6	96.8	97.7	97.7	98.7	98.8	98.8	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17547

KANSAS CITY INTL MO

73-80

207

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1222-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32
NOT DEFINED	60.6	63.3	63.6	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2
≥ 2000	63.7	66.4	66.7	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
≥ 1800	64.1	66.8	67.1	67.2	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 1600	64.1	66.8	67.1	67.2	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 1400	64.4	67.3	67.7	67.9	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 1200	66.0	69.0	69.5	69.8	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1000	66.9	70.0	70.6	70.8	71.2	71.2	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 900	67.7	71.0	71.6	71.9	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 800	69.0	72.3	73.3	73.5	73.9	73.9	73.9	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 700	69.6	73.7	74.7	75.0	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 600	69.8	74.5	75.5	75.8	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 500	69.9	75.0	76.1	76.3	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 450	70.6	75.7	76.9	77.2	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 400	71.8	77.3	78.5	78.8	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 350	72.7	78.4	79.7	80.0	80.5	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 300	74.6	80.5	81.9	82.1	82.7	82.8	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 250	76.7	83.1	84.9	85.1	85.6	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 200	79.3	86.4	88.4	88.7	89.2	89.4	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 180	79.7	86.8	88.8	89.4	89.9	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 150	80.5	88.2	90.2	90.7	91.3	91.4	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 120	81.5	89.8	91.8	92.3	93.0	93.1	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 100	81.7	90.6	92.6	93.1	94.1	94.1	94.4	94.6	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0
≥ 90	81.9	90.9	92.9	93.4	94.4	94.6	95.0	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 80	82.0	91.3	93.7	94.2	95.4	95.7	96.4	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 70	82.0	91.3	93.8	94.5	95.8	96.1	96.8	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 60	82.0	91.4	94.0	94.8	96.2	96.5	97.6	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 50	82.0	91.4	94.0	94.9	96.4	96.8	98.0	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 40	82.0	91.4	94.0	94.9	96.4	96.8	98.1	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 30	82.0	91.4	94.0	94.9	96.4	96.8	98.1	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 20	82.0	91.4	94.0	94.9	96.4	96.8	98.1	98.8	98.8	99.5	99.6	99.6	99.6	99.7	99.7	99.7
≥ 10	82.0	91.4	94.0	94.9	96.4	96.8	98.1	98.8	98.8	99.5	99.6	99.6	99.6	99.7	99.7	99.9
≥ 0	82.0	91.4	94.0	94.9	96.4	96.8	98.1	98.8	98.8	99.5	99.6	99.6	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7947

KANSAS CITY INTL MO

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	63.2	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 2000	67.2	69.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 1800	67.2	69.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 1600	67.2	69.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 1400	67.5	69.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 1200	68.3	70.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1000	70.3	72.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 900	71.0	73.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 800	72.4	75.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 700	73.3	76.3	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 600	73.8	77.3	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 500	74.7	78.5	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 450	75.4	79.4	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 400	76.3	81.3	82.8	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 350	77.2	82.1	83.7	83.9	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 300	79.4	85.1	86.8	87.1	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 250	80.6	86.3	88.0	88.4	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 200	82.0	87.9	90.1	90.6	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 180	82.1	88.2	90.3	90.9	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 150	82.9	89.2	91.7	92.3	92.7	93.0	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 120	83.3	90.5	93.0	93.8	94.2	94.5	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 100	83.7	91.0	93.8	95.2	95.6	96.0	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 90	83.7	91.4	94.2	95.7	96.1	96.5	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 80	83.7	91.7	94.8	96.2	96.6	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 70	83.7	91.7	94.8	96.4	96.9	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 60	83.7	91.7	94.8	96.4	96.9	97.4	97.6	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 50	83.7	91.8	94.9	96.5	97.2	97.8	98.1	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 40	83.7	91.8	94.9	96.5	97.2	97.8	98.1	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 30	83.7	91.8	94.9	96.5	97.2	97.8	98.3	98.7	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 20	83.7	91.8	94.9	96.5	97.2	97.8	98.3	98.7	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 10	83.7	91.8	94.9	96.5	97.2	97.8	98.3	98.7	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	83.7	91.8	94.9	96.5	97.2	97.8	98.3	98.7	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7447

KANSAS CITY INTL MO

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1900-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	70.3	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	72.0	74.1	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 16000	72.0	74.1	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000	72.0	74.1	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 12000	73.3	75.4	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	74.7	77.2	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 9000	75.7	78.6	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 8000	76.3	79.4	80.0	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 7000	77.3	80.4	80.9	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	78.1	81.6	82.1	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	79.6	82.4	83.1	83.5	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	79.3	83.3	84.1	84.5	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	79.6	84.1	84.9	85.5	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500	80.6	85.2	86.0	86.8	86.8	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	82.7	87.5	88.4	89.2	89.2	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	83.6	88.6	89.5	90.3	90.3	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	85.3	90.7	91.7	92.5	92.5	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1800	85.9	91.1	92.2	93.0	93.0	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	86.0	91.7	92.7	93.5	93.7	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	86.2	92.2	93.3	94.1	94.2	94.5	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	86.3	92.3	93.4	94.2	94.4	94.6	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	86.3	92.5	93.5	94.4	94.5	94.8	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	86.6	92.9	94.1	94.9	95.2	95.4	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	86.8	93.1	94.4	95.2	95.7	96.0	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	86.8	93.5	94.9	95.7	96.2	96.5	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	86.9	93.7	95.0	96.1	96.8	97.0	97.7	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 400	86.8	93.7	95.2	96.2	96.9	97.3	98.1	98.3	98.3	98.5	98.5	98.5	98.7	98.7	98.7	98.7
≥ 300	86.9	93.7	95.2	96.2	97.0	97.4	98.5	98.7	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 200	86.8	93.8	95.3	96.4	97.3	97.7	98.8	98.9	99.1	99.5	99.5	99.5	99.6	99.6	99.6	100.0
≥ 100	86.8	93.8	95.3	96.4	97.3	97.7	98.8	98.9	99.1	99.5	99.5	99.5	99.6	99.6	99.6	100.0
≥ 0	86.8	93.8	95.3	96.4	97.3	97.7	98.8	98.9	99.1	99.5	99.5	99.5	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

13047  
STATION

KANSAS CITY INTL MO  
STATION NAME

73-80  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2130-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.1	≥ 0.2	≥ 0.3	≥ 0.4	≥ 0.5	≥ 0.6	≥ 0.7	≥ 0.8	≥ 0.9	≥ 1	≥ 1.2	≥ 1.4	≥ 1.6	≥ 1.8	≥ 2
NO CEILING	71.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 20000	73.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 18000	73.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 16000	73.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 14000	73.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	74.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000	76.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 9000	78.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 8000	79.7	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 7000	79.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000	80.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 5000	81.6	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4500	82.5	85.3	85.6	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4000	83.2	86.2	86.4	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500	84.0	87.0	87.2	87.6	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000	85.1	88.3	88.7	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2500	85.6	89.4	89.8	90.2	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2000	86.7	91.0	91.4	91.8	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	87.1	91.4	91.8	92.2	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	87.2	91.6	92.2	92.6	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	87.4	92.2	92.6	93.0	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1000	87.4	92.5	93.1	93.5	93.8	93.8	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	87.5	92.6	93.3	93.7	94.0	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	87.6	93.0	94.0	94.4	94.6	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	88.0	93.8	94.8	95.2	95.6	95.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	88.0	94.0	95.0	95.4	95.8	95.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	88.0	94.4	95.4	95.8	96.4	96.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	88.0	94.4	95.6	96.0	96.5	96.5	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	88.2	94.5	95.7	96.5	97.0	97.0	98.1	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 200	88.3	94.8	96.0	96.8	97.3	97.3	98.4	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.6
≥ 100	88.3	94.8	96.3	96.9	97.4	97.4	98.7	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0
≥ 0	88.3	94.8	96.0	96.9	97.4	97.4	98.7	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7747

KANSAS CITY INTL MO

73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥⅓	≥⅓	≥⅓
NO CEILING	64.9	67.8	68.2	68.5	68.7	68.8	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.2
≥ 2000	67.2	70.2	70.8	71.1	71.3	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8
≥ 1800	67.3	70.4	70.9	71.3	71.5	71.6	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.0
≥ 1600	67.3	70.4	70.9	71.3	71.5	71.6	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.0
≥ 1400	67.6	70.7	71.3	71.6	71.8	71.9	72.0	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3
≥ 1200	69.1	72.2	72.9	73.2	73.5	73.6	73.7	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0
≥ 1000	70.6	74.0	74.7	75.1	75.3	75.4	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9
≥ 900	71.8	75.3	76.0	76.4	76.7	76.8	76.9	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 800	72.8	76.5	77.3	77.7	78.0	78.1	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6
≥ 700	73.6	77.5	78.3	78.8	79.1	79.2	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.7
≥ 600	74.4	78.5	79.4	79.9	80.2	80.4	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 500	74.9	79.3	80.2	80.7	81.0	81.2	81.4	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7
≥ 450	75.4	79.9	81.0	81.6	81.9	82.1	82.3	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6
≥ 400	76.2	81.0	82.1	82.8	83.1	83.3	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 350	76.8	81.7	82.8	83.6	83.9	84.1	84.4	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7
≥ 300	77.9	83.2	84.4	85.1	85.4	85.7	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 250	78.8	84.3	85.6	86.4	86.7	86.9	87.4	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7
≥ 200	80.1	86.1	87.6	88.4	88.8	89.0	89.5	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 1800	80.6	86.8	88.3	89.2	89.6	89.8	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500	81.1	87.8	89.4	90.4	90.8	91.0	91.5	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200	81.5	88.7	90.5	91.4	92.0	92.3	92.8	92.9	92.9	93.1	93.1	93.1	93.2	93.2	93.2	93.2
≥ 1000	81.9	89.3	91.1	92.2	92.9	93.2	93.8	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	81.9	89.5	91.5	92.6	93.3	93.5	94.2	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	82.0	89.8	91.9	93.0	93.8	94.1	94.7	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	82.1	90.1	92.3	93.4	94.4	94.6	95.4	95.6	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 600	82.2	90.3	92.5	93.8	94.7	95.0	95.9	96.2	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 500	82.2	90.5	92.8	94.1	95.2	95.6	96.7	96.9	96.9	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 400	82.2	90.6	92.9	94.3	95.5	95.9	97.1	97.5	97.5	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 300	82.2	90.8	93.0	94.4	95.6	96.1	97.4	97.9	97.9	98.4	98.4	98.4	98.5	98.5	98.6	98.6
≥ 200	82.2	90.7	93.1	94.6	95.9	96.3	97.7	98.3	98.3	98.9	99.0	99.0	99.2	99.2	99.3	99.5
≥ 100	82.2	90.7	93.1	94.6	95.9	96.3	97.7	98.3	98.4	99.0	99.1	99.1	99.4	99.4	99.5	99.8
≥ 0	82.2	90.7	93.1	94.6	95.9	96.3	97.7	98.3	98.4	99.1	99.1	99.1	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

0047

KANSAS CITY INTL MO

73-80

NGV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 25000	58.9	59.3	59.6	59.9	60.0	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 18000	60.1	60.6	60.8	61.1	61.3	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8
≥ 16000	60.3	60.7	61.0	61.3	61.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9
≥ 14000	60.3	60.7	61.3	61.3	61.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9
≥ 12000	60.6	61.0	61.3	61.5	61.7	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2
≥ 10000	61.9	62.4	62.6	62.9	63.1	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6
≥ 9000	63.2	64.3	64.6	64.9	65.0	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6
≥ 8000	63.8	65.0	65.4	65.7	65.8	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4
≥ 7000	64.6	65.8	66.3	66.5	66.7	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2
≥ 6000	65.8	67.1	67.5	67.8	67.9	67.9	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6
≥ 5000	66.7	68.1	68.6	68.9	69.0	69.0	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7
≥ 4500	67.4	69.8	70.4	70.7	70.8	70.8	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5
≥ 4000	69.4	70.8	71.4	71.7	71.8	71.8	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5
≥ 3500	70.4	71.9	72.5	72.8	72.9	72.9	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6
≥ 3000	70.8	72.4	73.1	73.3	73.5	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2
≥ 2500	72.9	74.4	75.1	75.4	75.6	75.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.3
≥ 2000	74.3	76.1	76.8	77.1	77.2	77.2	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.1
≥ 1800	76.5	78.5	79.2	79.6	79.9	80.0	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.8	80.8	81.2
≥ 1600	78.2	80.3	81.0	81.7	81.9	82.1	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.9	82.9	83.1
≥ 1500	80.6	82.9	83.6	84.3	84.6	84.7	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.6	85.6	85.7
≥ 1200	81.5	83.9	84.7	85.4	85.7	85.8	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.7	86.7	86.8
≥ 1000	82.8	86.1	87.2	88.1	88.3	88.5	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.6
≥ 900	83.2	86.9	88.1	89.2	89.4	89.6	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.6	90.6	90.7
≥ 800	83.8	87.9	89.0	90.3	90.8	91.0	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.9	91.9	92.1
≥ 700	83.9	88.3	89.4	91.0	91.5	91.7	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.8	92.8	92.9
≥ 600	83.9	88.5	89.7	91.5	92.2	92.4	93.2	93.3	93.3	93.5	93.5	93.5	93.5	93.6	93.6	93.8
≥ 500	84.2	88.8	90.4	92.8	93.6	93.9	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.3
≥ 400	84.3	88.9	90.7	93.2	94.2	94.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8	96.1	96.1	96.5
≥ 300	84.4	89.3	91.1	93.8	94.9	95.3	96.5	96.7	96.8	96.9	97.1	97.1	97.1	97.8	97.8	98.2
≥ 200	84.4	89.3	91.1	94.0	95.1	95.6	96.8	96.9	97.1	97.4	97.5	97.5	97.5	98.3	98.3	98.8
≥ 100	84.4	89.3	91.1	94.0	95.1	95.6	96.8	96.9	97.1	97.4	97.5	97.5	97.5	98.3	98.3	98.9
≥ 0	84.4	89.3	91.1	94.0	95.1	95.6	96.8	96.9	97.1	97.4	97.5	97.5	97.5	98.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 07947 KANSAS CITY INTL MO  
STATION NAME

73-60  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

3300-3500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING ≥ 20000	57.8	59.2	59.3	59.6	59.7	59.7	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.1	60.1
18000	59.4	60.8	61.0	61.3	61.4	61.4	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.8	61.8
16000	59.4	60.8	61.0	61.3	61.4	61.4	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.8	61.8
14000	60.1	61.5	61.7	61.9	62.1	62.1	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.5	62.5
12000	61.0	62.4	62.5	62.8	62.9	62.9	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3
10000	61.7	63.2	63.3	63.6	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.2	64.2
9000	62.5	64.4	64.6	64.9	65.0	65.0	65.1	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.4	65.4
8000	62.3	64.9	65.0	65.3	65.4	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.8	65.8
7000	64.6	66.5	66.7	66.9	67.1	67.1	67.2	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.5	67.5
6000	65.4	67.4	67.5	67.8	67.9	67.9	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3
5000	66.5	68.5	68.6	68.9	69.0	69.0	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.4
4500	67.1	69.2	69.3	69.6	69.7	69.7	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1
4000	68.1	70.1	70.3	70.6	70.7	70.7	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.1	71.1
3500	68.9	71.0	71.3	71.5	71.7	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.1	72.1
3000	71.4	73.8	74.0	74.3	74.4	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.9	74.9
2500	73.1	75.6	75.8	76.3	76.4	76.4	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.8	76.8
2000	75.4	78.3	78.6	79.2	79.3	79.3	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.7	79.7
1800	76.3	79.3	79.6	80.1	80.3	80.3	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.7	80.7
1500	78.1	81.1	81.4	82.1	82.2	82.2	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6
1200	79.4	83.1	83.3	84.3	84.4	84.4	84.7	84.7	84.7	84.9	84.9	84.9	85.0	85.0	85.1	85.1
1000	79.9	83.6	84.0	85.0	85.3	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.8	85.8	86.0	86.0
900	80.0	84.0	84.6	85.8	86.1	86.1	86.5	86.5	86.5	86.7	86.7	86.7	86.8	86.8	86.9	86.9
800	80.8	85.6	86.3	87.5	87.9	87.9	88.3	88.3	88.3	88.5	88.5	88.5	88.6	88.6	88.8	88.8
700	81.5	86.3	86.9	88.2	88.8	88.8	89.4	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.3	90.3
600	81.9	87.1	88.3	89.7	91.0	91.0	91.8	92.4	92.4	92.5	92.5	92.5	92.6	92.6	92.8	92.8
500	81.9	87.2	88.5	90.4	91.7	91.8	92.8	93.3	93.3	93.6	93.8	93.8	93.9	93.9	94.0	94.0
400	82.4	88.1	89.4	91.4	92.9	93.1	94.4	95.1	95.1	95.4	95.6	95.6	95.7	95.7	96.0	96.0
300	82.5	88.3	89.7	91.8	93.5	93.8	95.6	96.3	96.3	96.7	96.9	96.9	97.4	97.4	97.6	97.6
200	82.5	88.3	89.7	91.8	93.5	93.9	95.7	96.4	96.4	96.8	97.1	97.1	97.9	97.9	98.3	98.8
100	82.5	88.3	89.7	91.8	93.5	93.9	95.7	96.4	96.4	96.8	97.1	97.1	97.9	97.9	98.5	98.9
0	82.5	88.3	89.7	91.8	93.5	93.9	95.7	96.4	96.4	96.8	97.1	97.1	98.1	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7547

KANSAS CITY INTL MO

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0600  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	43.7	48.8	50.0	51.5	52.4	52.8	53.3	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.9
≥ 18000 ≥ 17000	45.0	50.3	51.7	53.2	54.0	54.4	55.0	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.6
≥ 16000 ≥ 15000	45.0	50.3	51.7	53.2	54.0	54.4	55.0	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.6
≥ 14000 ≥ 13000	45.7	50.3	51.7	53.3	54.2	54.6	55.1	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.7
≥ 12000 ≥ 11000	45.7	51.1	52.5	54.2	55.0	55.4	56.0	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.5
≥ 10000 ≥ 9500	46.9	52.5	53.9	55.7	56.5	56.9	57.5	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	58.1
≥ 8000 ≥ 7500	48.9	54.6	56.0	57.8	58.6	59.0	59.6	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	60.1
≥ 6000 ≥ 5500	49.2	55.1	56.5	58.3	59.2	59.6	60.1	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.7
≥ 5000 ≥ 4500	50.1	56.1	57.5	59.3	60.1	60.6	61.1	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.7
≥ 4000 ≥ 3500	50.4	56.8	58.2	60.0	60.8	61.3	61.8	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.4
≥ 3000 ≥ 2500	51.3	57.6	59.0	60.8	61.7	62.1	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	63.2
≥ 2000 ≥ 1500	52.6	59.2	60.6	62.4	63.2	63.6	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.7
≥ 1000 ≥ 500	53.3	60.8	62.2	64.0	64.9	65.3	65.8	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.4
≥ 900 ≥ 800	54.9	61.8	63.2	65.0	65.8	66.3	66.8	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.4
≥ 700 ≥ 600	56.5	63.6	65.0	66.8	67.6	68.1	68.6	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.2
≥ 500 ≥ 400	59.7	67.1	68.6	70.7	71.5	72.1	72.6	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.2
≥ 300 ≥ 200	62.2	70.0	71.5	73.6	74.4	75.0	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	76.1
≥ 100 ≥ 0	62.8	70.6	72.1	74.2	75.0	75.6	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.7
≥ 900 ≥ 800	65.3	73.3	75.0	77.4	78.2	78.8	79.3	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.9
≥ 700 ≥ 600	67.8	76.5	78.3	80.8	81.8	82.4	82.9	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.6
≥ 500 ≥ 400	68.5	77.2	79.3	82.4	83.6	84.2	84.7	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.4
≥ 300 ≥ 200	68.6	77.9	80.6	83.6	84.9	85.4	86.0	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.9
≥ 100 ≥ 0	69.3	79.0	81.8	84.9	86.1	86.7	87.2	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	88.2
≥ 900 ≥ 800	69.6	79.4	82.9	86.1	87.4	88.1	88.8	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	90.1
≥ 700 ≥ 600	69.9	80.0	83.8	87.4	88.6	89.3	90.0	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.1	91.4
≥ 500 ≥ 400	70.0	80.3	84.3	88.5	90.0	91.0	91.7	92.5	92.5	93.1	93.6	93.6	93.6	93.6	93.8	94.0
≥ 300 ≥ 200	70.0	80.6	84.6	89.0	90.7	91.7	92.5	93.5	93.5	94.0	94.7	94.7	94.7	94.9	94.9	95.1
≥ 100 ≥ 0	70.0	80.6	84.6	89.0	91.1	92.1	93.1	94.4	94.4	95.1	96.4	96.4	96.9	97.1	98.2	98.8
≥ 900 ≥ 800	70.0	80.6	84.6	89.0	91.1	92.1	93.1	94.4	94.4	95.1	96.4	96.4	96.9	97.1	98.2	98.8

TOTAL NUMBER OF OBSERVATIONS 720



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/14C

# CEILING VERSUS VISIBILITY

7347

KANSAS CITY INTL MU

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/8	≥ 0
NO CEILING	39.7	44.6	47.2	48.8	49.3	49.6	49.6	49.6	49.6	49.7	49.9	49.9	49.9	49.9	49.9	50.0
≥ 20000	40.8	47.8	50.6	52.2	52.8	53.1	53.1	53.1	53.1	53.3	53.5	53.5	53.5	53.5	53.5	53.6
≥ 18000	40.8	47.9	50.7	52.4	52.9	53.2	53.2	53.2	53.2	53.5	53.6	53.6	53.6	53.6	53.6	53.8
≥ 16000	40.8	47.9	50.7	52.4	52.9	53.2	53.2	53.2	53.2	53.5	53.6	53.6	53.6	53.6	53.6	53.8
≥ 14000	41.4	48.5	51.4	53.1	53.6	53.9	53.9	53.9	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.4
≥ 12000	42.6	49.9	52.8	54.4	55.0	55.3	55.3	55.3	55.3	55.6	55.7	55.7	55.7	55.7	55.7	55.8
≥ 10000	43.3	51.3	54.2	56.1	56.7	56.9	56.9	56.9	56.9	57.2	57.4	57.4	57.4	57.4	57.4	57.5
≥ 9000	44.6	52.1	55.1	57.1	57.6	57.9	57.9	57.9	57.9	58.2	58.3	58.3	58.3	58.3	58.3	58.5
≥ 8000	45.7	53.3	56.5	58.8	59.3	59.6	59.6	59.6	59.6	59.9	60.0	60.0	60.0	60.0	60.0	60.1
≥ 7000	46.7	53.9	57.2	59.4	60.0	60.3	60.3	60.3	60.3	60.6	60.7	60.7	60.7	60.7	60.7	60.8
≥ 6000	46.3	54.6	58.2	60.4	61.0	61.3	61.3	61.3	61.3	61.5	61.7	61.7	61.7	61.7	61.7	61.8
≥ 5000	47.2	55.7	59.3	61.5	62.1	62.4	62.4	62.4	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.9
≥ 4500	47.6	56.3	59.9	62.2	62.8	63.1	63.1	63.1	63.1	63.3	63.5	63.5	63.5	63.5	63.5	63.6
≥ 4000	49.0	57.8	61.4	63.8	64.4	64.7	64.7	64.7	64.7	65.0	65.1	65.1	65.1	65.1	65.1	65.3
≥ 3500	49.6	58.5	62.1	64.4	65.1	65.4	65.4	65.4	65.4	65.7	65.8	65.8	65.8	65.8	65.8	66.0
≥ 3000	50.3	59.6	63.2	65.6	66.4	66.7	66.7	66.7	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.2
≥ 2500	51.9	61.8	65.4	68.2	69.0	69.3	69.3	69.3	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.9
≥ 2000	53.9	64.3	68.3	71.3	72.1	72.4	72.4	72.4	72.4	72.6	72.8	72.8	72.8	72.8	72.8	72.9
≥ 1800	55.3	66.1	70.4	73.3	74.2	74.4	74.4	74.4	74.4	74.7	74.9	74.9	74.9	74.9	74.9	75.0
≥ 1500	58.1	69.7	74.2	77.1	78.1	78.5	78.5	78.5	78.5	78.8	78.9	78.9	78.9	78.9	78.9	79.0
≥ 1200	58.9	71.5	76.4	79.6	80.6	81.1	81.1	81.1	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.7
≥ 1000	58.9	71.9	77.5	80.8	81.9	82.6	82.8	82.9	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.5
≥ 900	59.2	72.6	78.3	82.4	83.5	84.2	84.3	84.4	84.4	84.7	84.9	84.9	84.9	84.9	84.9	85.0
≥ 800	59.4	73.3	79.6	83.8	85.1	86.0	86.1	86.4	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.9
≥ 700	59.6	73.9	80.6	84.9	86.4	87.2	87.5	88.1	88.1	88.5	88.6	88.6	88.6	88.6	88.6	88.8
≥ 600	59.6	74.2	81.4	86.0	87.8	89.0	89.9	90.4	90.4	90.8	91.0	91.0	91.0	91.0	91.0	91.1
≥ 500	59.6	74.2	81.4	86.7	88.8	90.0	91.3	92.2	92.2	92.6	92.8	92.8	92.8	92.8	92.8	92.9
≥ 400	59.6	74.2	81.4	86.8	89.3	90.6	91.9	93.1	93.1	94.3	94.4	94.4	95.1	95.1	95.1	95.3
≥ 300	59.6	74.2	81.4	86.8	89.3	90.6	92.5	93.9	93.9	95.7	96.0	96.0	96.9	96.9	97.1	97.2
≥ 200	59.6	74.2	81.4	86.8	89.3	90.6	92.5	93.9	93.9	96.1	96.5	96.5	97.6	97.6	98.2	98.6
≥ 100	59.6	74.2	81.4	86.8	89.3	90.6	92.5	93.9	93.9	96.1	96.5	96.5	97.8	97.9	98.9	99.3
≥ 0	59.6	74.2	81.4	86.8	89.3	90.6	92.5	93.9	93.9	96.1	96.5	96.5	97.8	97.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7347

KANSAS CITY INTL MO

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	43.5	50.1	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 18000 ≥ 17000	45.3	53.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 16000 ≥ 15000	45.8	53.5	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 14000 ≥ 13000	46.8	54.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000 ≥ 11000	48.1	56.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 10000 ≥ 9000	49.3	57.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 8000 ≥ 7000	51.4	60.0	61.9	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 6000 ≥ 5000	51.8	60.4	62.8	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4500 ≥ 4000	52.1	61.1	63.5	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 3500 ≥ 3000	52.6	61.9	64.3	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 2500 ≥ 2000	52.9	62.2	64.6	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 1800 ≥ 1500	53.2	63.2	65.6	66.0	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 1200 ≥ 1000	54.9	64.2	66.5	67.1	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 900 ≥ 800	56.0	65.4	67.8	68.3	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 700 ≥ 600	58.6	69.4	71.8	72.4	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 500 ≥ 400	61.4	73.8	76.4	76.9	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 300 ≥ 200	62.9	76.7	79.3	79.9	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 100 ≥ 0	64.2	79.3	82.4	83.1	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 0	64.9	81.0	84.7	85.8	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 0	64.9	81.3	85.3	87.1	87.8	88.1	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 0	65.3	81.9	86.1	88.2	89.0	89.3	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 0	65.3	82.2	86.7	89.2	90.0	90.3	91.0	91.4	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8
≥ 0	65.4	82.8	87.2	89.7	90.7	91.1	91.8	92.4	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8
≥ 0	65.4	83.1	87.8	90.3	91.3	91.8	92.6	93.6	93.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3
≥ 0	65.4	83.1	87.9	90.4	91.5	92.4	93.3	94.6	94.7	95.3	95.6	95.6	95.6	95.6	95.6	95.6
≥ 0	65.4	83.1	87.9	90.4	91.8	93.2	94.7	96.1	96.3	97.2	97.5	97.5	97.6	97.6	97.6	97.6
≥ 0	65.4	83.1	88.1	90.6	91.9	93.3	94.9	96.3	96.4	97.4	97.6	97.6	97.8	97.8	97.8	97.8
≥ 0	65.4	83.1	88.1	90.6	91.9	93.3	94.9	96.3	96.4	97.8	98.2	98.2	98.5	98.5	98.9	98.9
≥ 0	65.4	83.1	88.1	90.6	91.9	93.3	94.9	96.3	96.4	97.8	98.2	98.2	98.6	98.6	99.4	99.4
≥ 0	65.4	83.1	88.1	90.6	91.9	93.3	94.9	96.3	96.4	97.8	98.2	98.2	98.8	98.8	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFD WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

347  
STATION

KANSAS CITY INTL MO  
STATION NAME

73-80  
YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING	43.7	49.0	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000	43.3	54.4	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 18000	48.3	54.4	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 16000	48.3	54.4	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 14000	50.1	56.5	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 12000	52.4	59.0	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 10000	54.2	61.2	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000	54.8	61.8	62.3	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000	55.5	63.6	64.3	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 7000	56.5	63.6	64.5	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000	57.3	65.0	65.9	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 5000	58.6	66.5	67.6	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 4500	58.8	66.9	68.0	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4000	59.7	67.7	68.8	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 3500	60.5	68.6	69.8	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 3000	62.4	70.6	72.2	72.5	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 2500	65.1	74.0	75.7	75.9	76.4	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 2000	68.2	78.4	80.3	80.7	81.4	81.5	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1800	69.0	79.6	81.4	82.1	82.8	82.9	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1500	69.8	80.3	84.6	85.5	86.2	86.4	86.5	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1200	70.7	84.1	86.6	87.9	88.9	89.0	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	70.7	84.4	87.1	88.3	89.3	89.4	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 900	70.7	84.6	87.3	88.7	89.7	89.8	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 800	70.7	84.7	88.2	89.8	90.8	91.0	91.5	92.2	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 700	70.7	84.7	88.3	90.1	91.2	91.5	92.5	93.2	93.2	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	70.7	84.7	88.5	90.4	91.5	92.1	93.2	94.4	94.4	95.1	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500	70.7	84.7	88.5	90.7	92.1	92.9	94.0	95.5	95.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	70.7	84.7	88.5	90.7	92.2	93.5	95.0	96.9	97.1	98.3	98.6	98.6	98.7	98.7	98.7	98.7
≥ 300	70.7	84.7	88.5	90.7	92.2	93.5	95.1	97.1	97.2	98.6	98.9	98.9	99.2	99.2	99.2	99.2
≥ 200	70.7	84.7	88.5	90.7	92.2	93.5	95.1	97.1	97.2	98.6	99.2	99.2	99.6	99.6	99.7	99.9
≥ 100	70.7	84.7	88.5	90.7	92.2	93.5	95.1	97.1	97.2	98.6	99.2	99.2	99.6	99.6	99.7	100.0
≥ 0	70.7	84.7	88.5	90.7	92.2	93.5	95.1	97.1	97.2	98.6	99.2	99.2	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 711

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7347

KANSAS CITY INTL MO

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-0000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING ≥ 20000	52.8	54.7	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4
≥ 18000 ≥ 15000	55.7	57.6	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3
≥ 14000 ≥ 12000	56.1	58.1	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 10000 ≥ 9000	57.1	59.2	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 8000 ≥ 7000	59.3	61.5	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2
≥ 6000 ≥ 5000	60.6	63.5	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2
≥ 4500 ≥ 4000	60.8	63.8	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4
≥ 3500 ≥ 3000	62.1	65.1	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8
≥ 2500 ≥ 2000	63.8	66.9	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6
≥ 1800 ≥ 1500	65.1	68.6	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3
≥ 1200 ≥ 1000	66.1	69.6	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.3
≥ 900 ≥ 800	67.1	70.6	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.3
≥ 700 ≥ 600	68.8	72.2	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
≥ 500 ≥ 400	70.6	74.2	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0
≥ 300 ≥ 200	72.1	75.8	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7
≥ 100 ≥ 0	74.0	77.9	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8
≥ 0	76.5	81.0	81.7	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.9
≥ 0	78.1	82.6	83.3	83.9	84.0	84.0	84.0	84.4	84.4	84.4	84.4	84.7	84.7	84.7	84.7	84.9
≥ 0	80.0	85.4	86.1	86.7	86.8	86.9	87.5	87.5	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.9
≥ 0	83.6	86.4	87.1	88.1	88.2	88.3	88.9	88.9	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.3
≥ 0	80.8	87.1	88.1	89.0	89.2	89.3	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.3
≥ 0	81.5	87.8	88.9	89.9	90.0	90.1	90.8	90.8	90.8	90.8	91.1	91.1	91.1	91.1	91.3	91.4
≥ 0	81.5	87.9	89.6	90.6	90.7	90.8	91.7	91.7	91.7	91.7	91.9	91.9	91.9	92.1	92.1	92.2
≥ 0	81.5	87.9	89.7	90.8	91.5	91.7	92.5	92.5	92.5	92.5	92.9	92.9	92.9	93.1	93.1	93.2
≥ 0	82.1	89.0	91.1	92.4	93.1	93.6	94.4	94.4	94.4	94.4	95.0	95.0	95.0	95.3	95.3	95.4
≥ 0	82.6	89.6	91.7	93.1	93.9	94.6	95.4	95.7	95.7	95.7	96.4	96.4	96.4	96.7	96.7	96.8
≥ 0	82.6	89.7	91.8	93.2	94.0	94.9	95.8	96.3	96.3	96.3	96.4	97.2	97.2	97.2	97.5	97.6
≥ 0	82.6	89.7	91.8	93.2	94.3	95.3	96.3	96.8	96.8	96.8	96.9	98.2	98.3	98.3	98.9	98.9
≥ 0	82.6	89.7	91.8	93.2	94.3	95.3	96.3	96.8	96.8	96.8	96.9	98.3	98.6	98.6	99.2	99.4
≥ 0	82.6	89.7	91.8	93.2	94.3	95.3	96.3	96.8	96.8	96.8	96.9	98.3	98.6	98.6	99.2	99.6
≥ 0	82.6	89.7	91.8	93.2	94.3	95.3	96.3	96.8	96.8	96.8	96.9	98.3	98.6	98.6	99.2	99.6

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7347

KANSAS CITY INTL MO

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

113-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING ≥ 20000	57.6	58.2	59.3	55.8	59.8	55.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.2	59.2	59.2
≥ 18000 ≥ 16000	60.3	60.8	61.3	61.4	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8
≥ 14000 ≥ 12000	60.6	61.1	61.3	61.7	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.1	62.1	62.1
≥ 10000 ≥ 8000	60.7	61.3	61.4	61.8	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2
≥ 6000 ≥ 4000	61.9	62.2	62.4	62.8	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2
≥ 3000 ≥ 2000	63.3	65.0	65.1	65.6	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	66.0	66.0	66.0
≥ 1800 ≥ 1600	64.0	65.7	66.0	66.4	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8
≥ 1400 ≥ 1200	65.4	67.1	67.4	67.8	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2
≥ 1000 ≥ 800	65.6	67.2	67.5	67.9	67.9	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3
≥ 600 ≥ 400	66.1	67.9	68.2	68.6	68.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0
≥ 300 ≥ 200	67.6	69.4	69.7	70.3	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7
≥ 1800 ≥ 1600	69.3	71.1	71.4	72.2	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6
≥ 1400 ≥ 1200	70.1	71.9	72.2	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.5
≥ 1000 ≥ 800	71.1	73.1	73.3	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6
≥ 600 ≥ 400	72.1	74.0	74.4	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7
≥ 300 ≥ 200	74.7	76.8	77.4	78.3	78.5	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9
≥ 1800 ≥ 1600	78.2	80.8	81.5	82.6	82.8	82.8	83.5	83.5	83.5	83.9	83.9	83.9	83.9	84.0	84.0	84.0
≥ 1400 ≥ 1200	79.3	82.1	82.8	83.9	84.0	84.0	84.7	84.7	84.7	85.1	85.1	85.1	85.1	85.3	85.3	85.3
≥ 1000 ≥ 800	81.7	85.0	85.7	86.8	86.9	86.9	87.6	87.6	87.6	88.1	88.1	88.1	88.1	88.2	88.2	88.2
≥ 600 ≥ 400	82.1	85.4	86.3	87.4	87.5	87.5	88.2	88.2	88.2	88.6	88.6	88.6	88.6	88.8	88.8	88.8
≥ 300 ≥ 200	82.8	86.5	87.6	89.2	89.3	89.3	90.0	90.0	90.0	90.4	90.4	90.4	90.4	90.6	90.6	90.6
≥ 1800 ≥ 1600	83.2	87.5	88.8	90.6	90.7	90.7	91.4	91.4	91.4	91.8	91.8	91.8	91.8	91.9	91.9	91.9
≥ 1400 ≥ 1200	83.9	88.8	90.1	91.9	92.1	92.1	92.9	92.9	92.9	93.3	93.3	93.3	93.3	93.5	93.5	93.5
≥ 1000 ≥ 800	84.0	89.0	90.4	92.6	92.8	92.8	93.6	93.6	93.6	94.0	94.0	94.0	94.0	94.2	94.2	94.2
≥ 600 ≥ 400	84.2	89.4	90.8	93.1	93.2	93.2	94.4	94.4	94.4	94.9	94.9	94.9	94.9	95.1	95.1	95.1
≥ 300 ≥ 200	84.7	90.0	91.5	93.9	94.3	94.4	95.8	95.8	95.8	96.5	96.5	96.5	96.5	97.1	97.1	97.1
≥ 1800 ≥ 1600	84.9	90.3	91.9	94.3	95.1	95.3	96.9	96.9	96.9	97.6	97.6	97.6	97.6	98.5	98.5	98.5
≥ 1400 ≥ 1200	84.9	90.3	91.9	94.4	95.3	95.4	97.1	97.1	97.1	97.9	97.9	97.9	97.9	98.9	98.9	98.9
≥ 1000 ≥ 800	84.9	90.3	91.9	94.4	95.3	95.4	97.1	97.1	97.1	97.9	97.9	97.9	97.9	98.9	98.9	98.9
≥ 600 ≥ 400	84.9	90.3	91.9	94.4	95.3	95.4	97.1	97.1	97.1	97.9	97.9	97.9	97.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH  
 AFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7-47

KANSAS CITY INTL MO

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	49.6	53.0	53.9	54.3	54.6	54.6	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	55.0
≥ 18000	51.3	55.7	56.7	57.2	57.4	57.5	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.9
≥ 16000	52.0	55.8	56.8	57.4	57.6	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.1
≥ 14000	52.7	56.6	57.6	58.2	58.4	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.9
≥ 12000	54.1	58.1	59.0	59.6	59.8	59.9	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.3
≥ 10000	55.4	59.9	60.8	61.5	61.7	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.2
≥ 8000	56.1	60.7	61.7	62.4	62.6	62.7	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.1
≥ 7000	57.3	61.9	62.9	63.6	63.9	64.0	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.4
≥ 6000	58.0	62.7	63.9	64.6	64.9	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.4
≥ 5000	58.7	63.7	64.9	65.6	65.9	66.0	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.4
≥ 4500	59.8	64.9	66.1	66.9	67.1	67.2	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.6
≥ 4000	60.6	65.8	67.0	67.8	68.1	68.2	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.6
≥ 3500	61.7	67.0	68.2	69.0	69.3	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8
≥ 3000	62.6	67.9	69.2	70.1	70.4	70.5	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.9
≥ 2500	64.2	69.7	71.0	71.8	72.2	72.3	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7
≥ 2000	66.4	72.3	73.7	74.7	75.0	75.2	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.6
≥ 1800	69.0	75.6	77.2	78.2	78.7	78.9	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.5
≥ 1500	70.2	77.1	78.7	79.9	80.3	80.5	80.8	80.8	80.8	81.0	81.0	81.0	81.1	81.1	81.1	81.2
≥ 1200	72.2	79.9	81.6	82.9	83.3	83.5	83.9	83.9	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.3
≥ 1000	73.2	81.5	83.4	84.9	85.4	85.7	86.1	86.1	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.5
≥ 900	73.6	82.3	84.5	86.2	86.8	87.1	87.6	87.6	87.6	87.8	87.9	87.9	87.9	87.9	87.9	88.0
≥ 800	74.0	82.9	85.3	87.3	87.9	88.2	88.7	88.8	88.8	89.0	89.0	89.0	89.1	89.1	89.1	89.2
≥ 700	74.3	83.7	86.4	88.5	89.2	89.5	90.1	90.3	90.3	90.5	90.6	90.6	90.7	90.7	90.7	90.8
≥ 600	74.5	84.0	86.9	89.2	90.0	90.3	91.1	91.4	91.4	91.8	91.8	91.8	91.9	91.9	91.9	92.0
≥ 500	74.7	84.5	87.7	90.1	91.1	91.5	92.4	93.0	93.0	93.3	93.4	93.4	93.5	93.6	93.6	93.7
≥ 400	74.9	84.7	88.0	90.8	91.9	92.6	93.6	94.3	94.3	94.8	94.9	94.9	95.1	95.1	95.1	95.2
≥ 300	75.0	84.9	88.2	91.1	92.4	93.2	94.5	95.3	95.4	96.1	96.3	96.3	96.6	96.6	96.7	96.8
≥ 200	75.0	85.0	88.4	91.3	92.8	93.6	95.1	96.0	96.0	97.0	97.3	97.3	97.8	97.8	98.0	98.1
≥ 100	75.0	85.0	88.4	91.3	92.8	93.7	95.2	96.1	96.2	97.3	97.7	97.7	98.3	98.3	98.8	99.0
≥ 0	75.0	85.0	88.4	91.3	92.8	93.7	95.2	96.1	96.2	97.3	97.7	97.7	98.5	98.5	99.1	99.4

TOTAL NUMBER OF OBSERVATIONS 5759

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1947

KANSAS CITY INTL MO

73-80

DLC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1000-1200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING ≥ 20000	56.1	57.5	57.8	57.9	58.1	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 18000 ≥ 17000	57.3	59.1	59.4	59.5	59.7	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 14000 ≥ 13000	57.4	59.3	59.5	59.7	59.8	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 10000 ≥ 9000	57.9	59.8	60.1	60.2	60.3	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 8000 ≥ 7000	58.5	60.3	60.6	60.8	60.9	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 6000 ≥ 5000	60.6	62.5	63.0	63.2	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 4500 ≥ 4000	62.2	64.2	64.9	65.1	65.2	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 3500 ≥ 3000	63.4	65.9	66.5	66.7	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 2500 ≥ 2000	64.8	67.7	68.4	68.5	68.7	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 1500 ≥ 1000	65.6	68.5	69.2	69.4	69.5	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 800 ≥ 600	66.4	69.4	70.0	70.2	70.3	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 450C ≥ 400C	67.2	70.2	71.0	71.2	71.4	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 350C ≥ 300C	67.6	70.6	71.5	71.8	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 250C ≥ 200C	68.1	71.1	72.2	72.4	72.6	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 150C ≥ 100C	68.8	71.9	73.1	73.4	73.5	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 80C ≥ 60C	70.6	73.8	75.0	75.3	75.4	75.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 45C ≥ 40C	73.1	76.3	77.7	78.1	78.4	78.4	78.8	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0
≥ 35C ≥ 30C	73.5	76.9	78.2	78.6	78.9	78.9	79.3	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6
≥ 25C ≥ 20C	75.1	79.0	80.4	80.8	81.0	81.0	81.5	81.5	81.5	81.5	81.7	81.7	81.7	81.9	81.9	81.9
≥ 15C ≥ 10C	77.7	82.3	83.6	84.1	84.4	84.4	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.3	85.3	85.3
≥ 8C ≥ 6C	78.6	83.6	85.5	86.0	86.3	86.3	86.8	86.8	86.8	86.8	87.1	87.1	87.1	87.2	87.2	87.2
≥ 4C ≥ 3C	79.1	84.1	86.0	86.6	86.8	86.8	87.5	87.6	87.6	87.6	87.9	87.9	87.9	88.0	88.0	88.0
≥ 2C ≥ 1C	79.0	84.9	86.8	87.5	87.8	87.8	88.4	88.6	88.6	88.6	89.0	89.0	89.0	89.1	89.1	89.1
≥ 1C ≥ 0C	79.2	85.1	87.1	87.9	88.2	88.2	88.8	89.0	89.0	89.0	89.4	89.4	89.4	89.5	89.5	89.5
≥ 0C ≥ 0C	79.3	85.3	87.6	88.4	88.8	88.8	89.5	89.7	89.7	89.7	90.1	90.1	90.1	90.2	90.2	90.2
≥ 0C ≥ 0C	79.3	85.5	88.3	89.1	89.7	89.9	91.1	91.3	91.3	91.3	91.8	91.8	91.8	91.9	91.9	91.9
≥ 0C ≥ 0C	79.3	85.5	88.6	89.5	90.5	90.7	92.2	92.5	92.5	92.5	93.4	93.7	93.7	94.0	94.0	94.0
≥ 0C ≥ 0C	79.3	85.5	88.6	89.5	90.5	90.7	92.7	93.4	93.8	93.8	95.0	95.3	95.3	96.0	96.0	96.8
≥ 0C ≥ 0C	79.3	85.5	88.7	89.7	90.7	91.0	93.1	94.0	94.4	94.4	95.8	96.1	96.1	96.9	96.9	97.4
≥ 0C ≥ 0C	79.3	85.5	88.7	89.7	90.7	91.0	93.1	94.0	94.4	94.4	95.8	96.2	96.2	97.3	97.3	98.1
≥ 0C ≥ 0C	79.3	85.5	88.7	89.7	90.7	91.0	93.1	94.0	94.4	94.4	95.8	96.2	96.2	97.3	97.3	98.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2647

KANSAS CITY INTL MO

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1301-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING ≥ 20000	55.6	56.9	57.1	57.1	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5
≥ 18000	57.0	58.6	58.9	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.3	59.3
≥ 16000	57.1	58.7	59.0	59.0	59.0	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4
≥ 14000	57.7	59.3	59.5	59.5	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9
≥ 12000	58.3	59.9	60.2	60.2	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6
≥ 10000	59.0	60.6	60.9	60.9	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3
≥ 9000	61.4	63.2	63.6	63.6	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0
≥ 8000	62.0	63.8	64.4	64.4	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8
≥ 7000	64.4	66.3	66.9	66.9	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3
≥ 6000	64.9	66.7	67.3	67.3	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7
≥ 5000	65.2	67.2	67.9	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3	68.3
≥ 4500	65.5	67.5	68.1	68.1	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5
≥ 4000	65.9	67.9	68.5	68.5	68.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.0
≥ 3500	66.3	68.3	69.0	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4
≥ 3000	68.0	70.0	70.7	70.7	70.7	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1
≥ 2500	69.2	71.2	71.9	71.9	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3
≥ 2000	71.0	73.0	73.8	73.8	73.8	74.1	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6
≥ 1800	71.6	73.8	74.7	74.7	75.3	75.4	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.1	76.1
≥ 1500	73.4	76.2	77.2	77.3	77.8	78.0	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8	78.8
≥ 1200	76.2	79.2	80.1	80.4	81.0	81.3	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.3	82.3
≥ 1000	78.1	81.9	82.9	83.6	84.3	84.7	85.3	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.9	85.9
≥ 900	78.2	82.0	83.2	83.9	84.5	84.9	85.6	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.2	86.2
≥ 800	78.4	82.3	83.5	84.3	85.1	85.5	86.2	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.7	86.7
≥ 700	78.5	82.7	84.1	84.9	86.0	86.6	87.2	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.8	87.8
≥ 600	78.5	82.8	84.8	85.8	87.1	87.9	88.6	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.2	89.2
≥ 500	78.6	83.1	85.2	86.4	88.3	89.2	90.5	90.7	90.9	91.1	91.1	91.1	91.1	91.1	91.3	91.3
≥ 400	79.0	83.6	85.9	87.4	89.2	90.5	92.1	92.5	92.7	93.1	93.4	93.4	93.7	93.7	93.8	93.8
≥ 300	79.0	83.6	85.9	87.5	89.4	91.0	92.9	93.3	93.5	94.8	95.2	95.2	96.0	96.0	96.2	96.8
≥ 200	79.0	83.6	85.9	87.5	89.4	91.0	93.1	93.7	94.0	95.7	96.4	96.4	97.4	97.4	97.8	98.7
≥ 100	79.0	83.6	85.9	87.5	89.4	91.0	93.1	93.7	94.0	95.7	96.4	96.4	97.7	97.7	98.1	99.1
≥ 0	79.0	83.6	85.9	87.5	89.4	91.0	93.1	93.7	94.0	95.7	96.4	96.4	97.7	97.7	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

1347  
STATION

KANSAS CITY INTL MO  
STATION NAME

73-80  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	46.5	52.0	52.6	53.6	53.9	53.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.6
≥ 2000	51.6	55.1	55.6	56.7	57.0	57.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.7
≥ 1800	51.7	55.2	55.8	56.9	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.8
≥ 1600	51.7	55.2	55.8	56.9	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.8
≥ 1400	52.1	55.5	56.0	57.1	57.4	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.1
≥ 1200	53.1	56.6	57.1	58.2	58.5	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.1
≥ 1000	54.4	58.2	58.9	59.9	60.2	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.9
≥ 900	55.5	59.4	60.2	61.3	61.6	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.2
≥ 800	56.7	60.6	61.4	62.5	62.8	62.8	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.6
≥ 700	58.6	62.8	63.7	64.9	65.2	65.2	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	66.0
≥ 600	59.0	63.7	64.7	65.9	66.1	66.1	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.9
≥ 500	59.5	64.4	65.3	66.5	66.8	66.8	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.6
≥ 450	59.7	64.5	65.5	66.7	66.9	66.9	67.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.9
≥ 400	60.1	65.2	66.1	67.3	67.6	67.6	68.0	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.5
≥ 350	60.2	65.5	66.4	67.6	67.9	67.9	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.8
≥ 300	61.7	66.9	67.9	69.1	69.4	69.4	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.3
≥ 250	62.9	68.1	69.1	70.3	70.6	70.6	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.5
≥ 200	65.5	70.7	71.6	73.0	73.4	73.4	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.5
≥ 180	65.7	71.1	72.0	73.4	73.8	73.8	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.9
≥ 150	66.4	72.3	73.5	75.3	75.7	75.7	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.7
≥ 120	68.4	75.5	76.7	78.5	79.2	79.2	79.7	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.4
≥ 100	69.8	77.3	79.0	81.0	81.7	81.7	82.4	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	83.2
≥ 90	70.2	78.0	79.8	81.9	82.7	82.7	83.3	83.6	83.6	83.7	83.9	83.9	83.9	83.9	83.9	84.1
≥ 80	70.4	78.4	80.2	82.7	83.5	83.5	84.1	84.4	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.9
≥ 70	70.8	78.9	81.0	83.9	84.9	84.9	85.6	86.0	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.6
≥ 60	71.0	79.0	81.7	84.7	85.9	86.2	87.4	87.8	87.8	87.9	88.0	88.0	88.2	88.2	88.2	88.4
≥ 50	71.0	79.4	82.4	85.5	86.7	87.5	89.0	89.5	89.5	89.8	89.9	89.9	90.1	90.1	90.2	90.5
≥ 40	71.5	80.2	83.2	86.4	88.0	89.1	91.5	92.1	92.1	92.3	92.5	92.5	92.6	92.6	92.9	93.1
≥ 30	71.5	80.2	83.3	86.7	88.4	89.8	93.0	93.8	93.8	94.8	95.4	95.4	96.0	96.0	96.2	97.2
≥ 20	71.5	80.2	83.3	86.7	88.6	89.9	93.7	94.5	94.5	95.4	96.1	96.1	97.2	97.2	98.0	99.1
≥ 10	71.5	80.2	83.3	86.7	88.6	89.9	93.7	94.5	94.5	95.4	96.4	96.4	97.4	97.4	98.4	99.5
≥ 0	71.5	80.2	83.3	86.7	88.6	89.9	93.7	94.5	94.5	95.4	96.4	96.4	97.4	97.4	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3347

KANSAS CITY INTL MO

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

3900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING	39.1	46.5	47.3	48.4	49.3	49.5	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 20000	43.0	51.7	52.6	53.8	54.8	55.0	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 18000	43.3	52.0	52.8	54.0	55.1	55.2	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 16000	43.3	52.0	52.8	54.0	55.1	55.2	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 14000	43.7	52.7	53.5	54.7	55.8	55.9	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	45.6	55.2	56.3	57.9	59.0	59.1	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 10000	46.5	56.9	57.9	59.5	60.6	60.8	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 8000	47.7	58.1	59.5	61.3	62.4	62.5	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 7000	43.9	59.5	61.2	62.9	64.1	64.2	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 6000	49.3	60.3	62.5	64.2	65.5	65.6	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 5000	49.6	61.2	63.3	65.1	66.3	66.4	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4500	50.1	61.7	63.8	65.6	66.8	66.9	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4000	50.3	62.2	64.5	66.3	67.5	67.6	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 3500	50.4	62.5	64.8	66.7	67.9	68.0	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 3000	50.7	62.9	65.3	67.2	68.4	68.5	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 2500	51.1	63.6	66.3	68.3	69.5	69.6	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 2000	52.2	64.9	67.7	69.8	71.1	71.2	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 1800	53.2	66.0	69.0	71.1	72.6	72.8	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 1600	53.8	66.8	69.9	72.0	73.5	73.8	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 1400	54.8	68.7	71.9	74.5	75.9	76.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1200	55.8	70.4	74.3	77.2	79.2	79.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1000	56.0	71.6	76.2	79.3	81.6	81.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 900	56.3	72.3	77.3	80.6	83.1	83.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 800	56.5	72.6	77.8	81.2	83.7	84.5	85.6	86.2	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6
≥ 700	56.6	72.8	78.2	81.7	84.4	85.2	86.3	87.1	87.1	87.6	87.8	87.8	87.9	87.9	87.9	87.9
≥ 600	56.7	73.1	78.6	82.4	85.5	86.4	88.2	89.1	89.1	89.9	90.1	90.1	90.2	90.2	90.2	90.2
≥ 500	56.7	73.4	78.9	83.1	86.4	87.8	90.1	91.3	91.3	92.2	92.3	92.3	92.6	92.6	92.7	92.7
≥ 400	56.7	73.4	79.0	83.5	86.8	88.3	91.3	93.1	93.1	94.5	94.8	94.8	95.4	95.4	95.6	95.7
≥ 300	56.7	73.4	79.0	83.5	86.8	88.3	91.3	93.8	94.0	95.6	95.8	95.8	96.9	96.9	97.4	97.8
≥ 200	56.7	73.4	79.0	83.5	86.8	88.3	91.3	93.8	94.0	95.8	96.1	96.1	97.8	97.8	98.5	98.9
≥ 100	56.7	73.4	79.0	83.5	86.8	88.3	91.3	93.8	94.0	96.1	96.4	96.4	98.3	98.3	99.1	99.6
≥ 0	56.7	73.4	79.0	83.5	86.8	88.3	91.3	93.8	94.0	96.1	96.4	96.4	98.3	98.3	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13547  
STATION

KANSAS CITY INTL MO  
STATION NAME

73-80  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

12JC-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	44.4	50.3	50.9	51.3	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 18000 ≥ 6000	46.5	53.4	53.9	54.7	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 16000 ≥ 5000	46.9	53.8	54.3	55.1	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 14000 ≥ 4000	47.3	54.3	54.8	55.6	56.0	56.0	56.0	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 12000 ≥ 3000	48.8	56.2	56.9	57.7	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 10000 ≥ 2000	50.9	59.1	59.8	60.6	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000 ≥ 1000	51.2	60.2	60.9	61.8	62.2	62.2	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 6000 ≥ 500	52.4	61.7	62.4	63.6	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 4500 ≥ 400	52.8	62.1	62.8	64.0	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 3500 ≥ 300	53.4	62.9	63.6	64.8	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 3000 ≥ 200	53.9	63.7	64.4	65.6	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 2500 ≥ 1500	54.8	64.7	65.5	66.7	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 2000 ≥ 1000	55.1	65.1	65.9	67.1	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 1800 ≥ 800	55.4	65.7	66.5	67.7	68.1	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 1600 ≥ 600	56.6	67.3	68.3	69.5	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1400 ≥ 400	57.8	68.8	69.8	71.0	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 1200 ≥ 300	59.1	70.7	71.6	73.0	73.4	73.5	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 1000 ≥ 200	59.9	71.9	72.8	74.2	74.6	74.7	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 900 ≥ 100	62.2	75.7	77.0	78.9	79.3	79.6	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 800 ≥ 0	62.5	77.2	79.4	82.3	83.1	83.5	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 700 ≥ 0	63.4	78.6	81.3	84.1	84.9	85.5	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.6	86.6	86.6
≥ 600 ≥ 0	63.6	79.0	81.9	85.1	86.2	86.7	87.5	87.8	87.8	87.9	87.9	87.9	87.9	88.0	88.0	88.0
≥ 500 ≥ 0	63.6	79.6	82.7	86.0	87.1	87.6	88.6	88.8	88.8	89.1	89.1	89.1	89.1	89.4	89.4	89.4
≥ 400 ≥ 0	63.6	79.8	82.9	86.4	87.6	88.7	89.7	90.5	90.5	91.0	91.0	91.0	91.0	91.5	91.5	91.5
≥ 300 ≥ 0	63.6	79.8	83.1	87.1	88.3	89.5	91.1	92.1	92.1	92.7	92.7	92.7	92.7	93.4	93.4	93.4
≥ 200 ≥ 0	63.6	79.8	83.2	87.6	88.8	90.3	92.5	93.4	93.4	94.2	94.4	94.4	94.4	95.2	95.2	95.2
≥ 100 ≥ 0	63.6	79.8	83.2	87.8	89.4	91.0	93.8	95.3	95.3	96.8	97.0	97.0	97.0	99.2	99.2	99.2
≥ 0 ≥ 0	63.6	79.8	83.2	87.8	89.4	91.0	93.8	95.3	95.3	96.8	97.4	97.4	97.4	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

17047

KANSAS CITY INTL MO

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	48.0	52.2	52.2	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 2000	50.8	55.5	55.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 1800	51.2	55.9	55.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 1600	51.2	55.9	55.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 1400	52.2	56.9	56.9	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 1200	54.0	59.8	59.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 1000	55.6	61.6	61.6	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 900	56.3	62.6	62.6	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 800	57.1	64.0	64.0	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 700	57.3	64.8	64.9	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 600	58.7	66.1	66.4	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 500	59.1	66.8	67.2	69.0	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 450	59.9	67.5	67.9	69.6	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 400	61.2	69.0	69.4	71.2	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 350	61.4	69.9	70.6	72.4	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 300	62.0	70.8	71.6	73.5	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 250	63.4	73.0	73.9	75.8	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 200	65.6	75.5	76.5	78.4	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 1800	66.8	77.2	78.4	80.2	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1500	67.9	79.4	81.6	83.7	84.0	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1200	68.7	81.9	84.1	86.4	86.7	87.0	87.2	87.2	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1000	68.8	82.9	85.6	87.9	88.3	88.6	89.1	89.1	89.1	89.2	89.7	89.7	89.7	89.7	89.7	89.7
≥ 900	68.8	82.9	85.6	88.2	88.7	89.0	89.5	89.7	89.7	89.8	90.2	90.2	90.2	90.2	90.2	90.2
≥ 800	68.8	82.9	85.8	88.3	88.8	89.1	89.8	90.1	90.1	90.3	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700	68.8	83.2	86.0	89.0	89.7	90.5	91.5	92.1	92.1	92.5	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	68.8	83.2	86.2	89.1	90.2	91.0	92.2	92.9	92.9	93.3	93.7	93.7	93.7	93.7	93.7	93.7
≥ 500	68.8	83.2	86.3	89.2	90.5	91.4	92.9	93.5	93.5	94.2	94.6	94.6	94.8	94.8	94.8	94.8
≥ 400	68.8	83.2	86.4	89.4	90.6	91.7	93.3	94.1	94.1	94.8	95.2	95.2	95.3	95.3	95.3	95.3
≥ 300	68.8	83.2	86.4	89.4	90.7	91.8	93.4	95.2	95.2	96.1	96.8	96.8	97.6	97.6	97.7	97.7
≥ 200	68.8	83.2	86.4	89.4	90.7	91.8	93.4	95.3	95.3	96.4	97.3	97.3	98.4	98.5	98.8	98.8
≥ 100	68.8	83.2	86.4	89.4	90.7	91.8	93.4	95.3	95.3	96.4	97.4	97.4	98.7	98.8	99.5	99.7
≥ 0	68.8	83.2	86.4	89.4	90.7	91.8	93.4	95.3	95.3	96.5	97.6	97.6	98.8	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

2447  
STATION

KANSAS CITY INTL MO  
STATION NAME

73-80  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/20	≥0
NO CEILING ≥ 20000	52.8	55.2	55.8	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 18000 ≥ 16000	54.6	57.5	58.2	58.7	58.7	58.7	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 14000 ≥ 12000	54.7	57.7	58.3	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000 ≥ 8000	56.2	59.1	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 6000 ≥ 5000	56.9	59.8	60.5	61.0	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 4000 ≥ 3000	59.3	62.5	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 2000 ≥ 1000	60.6	64.1	64.9	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 800 ≥ 600	61.9	65.7	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 400 ≥ 300	62.4	66.3	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 200 ≥ 100	62.9	67.1	67.9	68.5	68.5	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 100 ≥ 0	63.8	68.4	69.5	70.2	70.2	70.3	70.3	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 1500 ≥ 1000	64.9	69.5	70.6	71.2	71.2	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 800 ≥ 600	65.9	70.4	71.5	72.2	72.2	72.3	72.3	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 400 ≥ 300	67.1	71.8	73.0	73.7	73.7	73.8	73.8	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 200 ≥ 100	68.0	72.7	73.9	74.6	74.6	74.7	74.7	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 100 ≥ 0	69.2	74.2	75.4	76.1	76.1	76.2	76.2	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 800 ≥ 600	72.0	78.1	79.3	80.0	80.0	80.1	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 400 ≥ 300	72.7	78.9	80.2	80.9	80.9	81.0	81.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 200 ≥ 100	74.2	80.8	82.5	83.2	83.5	83.6	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 100 ≥ 0	76.7	84.0	86.0	86.8	87.1	87.4	87.5	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 800 ≥ 600	77.3	84.7	86.8	87.6	87.9	88.3	88.7	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 400 ≥ 300	77.4	85.5	88.0	88.8	89.2	89.9	90.3	90.5	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 200 ≥ 100	77.4	85.8	88.3	89.2	89.8	90.6	91.1	91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 100 ≥ 0	77.4	85.9	88.4	89.4	90.1	90.9	91.5	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 800 ≥ 600	77.6	86.3	88.8	89.8	90.6	91.4	92.3	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 400 ≥ 300	77.7	86.6	89.1	90.1	90.9	91.8	93.8	94.4	94.4	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 200 ≥ 100	77.7	86.6	89.1	90.1	90.9	91.9	94.1	95.6	95.6	96.4	96.5	96.5	96.8	96.8	96.8	96.9
≥ 100 ≥ 0	77.7	86.6	89.1	90.1	90.9	91.9	94.4	96.0	96.0	97.4	97.6	97.6	98.1	98.1	98.4	98.5
≥ 800 ≥ 600	77.7	86.6	89.1	90.1	90.9	91.9	94.4	96.0	96.0	97.7	97.8	97.8	98.7	98.8	99.1	99.6
≥ 400 ≥ 300	77.7	86.6	89.1	90.1	90.9	91.9	94.4	96.0	96.0	97.7	97.8	97.8	98.7	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7547

KANSAS CITY INTL MO

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	55.1	57.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 18000 ≥ 16000	56.7	59.4	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 14000 ≥ 12000	56.7	59.4	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 10000 ≥ 9000	58.3	61.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 8000 ≥ 7000	59.7	62.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 6000 ≥ 5000	61.0	63.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 4500 ≥ 4000	62.1	64.8	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 3500 ≥ 3000	63.0	65.9	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2500 ≥ 2000	64.1	67.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 1800 ≥ 1500	64.8	68.3	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 1200 ≥ 1000	65.6	69.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 900 ≥ 800	66.4	70.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 700 ≥ 600	66.9	70.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 500 ≥ 400	67.5	71.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 300 ≥ 200	68.5	72.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 100 ≥ 0	70.0	74.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
	71.8	75.9	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
	73.2	77.3	78.6	78.6	78.9	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
	75.0	79.8	81.3	81.3	81.7	81.7	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
	77.0	82.5	84.1	84.3	84.7	84.7	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
	77.6	83.7	85.6	85.9	86.3	86.3	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
	77.7	84.4	86.3	86.6	87.0	87.0	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
	78.2	85.3	87.4	87.6	88.0	88.0	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
	78.5	86.0	88.0	88.3	88.7	88.7	89.0	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
	78.5	86.0	88.2	88.6	89.1	89.1	89.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
	78.5	86.3	88.4	89.2	89.8	89.8	90.6	92.1	92.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5
	78.5	86.3	88.6	89.5	90.3	90.6	92.1	93.8	93.8	94.2	94.5	94.5	94.5	94.5	94.5	94.5
	78.5	86.3	88.6	89.5	90.3	90.7	92.3	94.6	94.6	95.0	95.7	95.7	95.7	95.7	95.7	95.7
	78.5	86.3	88.6	89.7	90.5	90.9	92.6	95.2	95.3	96.4	97.4	97.4	98.3	98.3	98.3	98.7
	78.5	86.3	88.6	89.7	90.5	90.9	92.6	95.2	95.3	96.5	97.6	97.6	98.5	98.5	98.7	99.2
	78.5	86.3	88.6	89.7	90.5	90.9	92.6	95.2	95.3	96.5	97.6	97.6	98.5	98.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

03947

KANSAS CITY INTL MO

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	49.9	53.5	54.0	54.5	54.7	54.8	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 2000	52.2	56.3	56.8	57.4	57.6	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 1800	52.4	56.5	57.0	57.6	57.8	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 1600	52.4	56.5	57.0	57.6	57.8	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 1400	53.2	57.3	57.9	58.4	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0
≥ 1200	54.4	58.8	59.3	59.9	60.2	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 1000	55.9	60.6	61.2	61.9	62.1	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 900	57.1	62.1	62.8	63.5	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1
≥ 800	58.2	63.4	64.1	64.9	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 700	59.3	64.7	65.6	66.4	66.7	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 600	59.8	65.6	66.4	67.3	67.6	67.6	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 500	60.5	66.3	67.3	68.1	68.4	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 450	61.1	67.0	68.0	68.9	69.2	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6
≥ 400	61.6	67.6	68.7	69.6	69.9	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.3
≥ 350	62.1	68.3	69.4	70.3	70.6	70.7	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 300	63.1	69.5	70.7	71.6	71.9	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3
≥ 250	64.4	71.0	72.3	73.2	73.5	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9
≥ 200	66.4	73.3	74.6	75.6	76.0	76.1	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 180	67.1	74.2	75.6	76.6	77.0	77.1	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 150	69.6	76.5	78.2	79.4	79.9	80.0	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.7	80.7
≥ 120	70.4	79.1	81.1	82.5	83.2	83.4	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2
≥ 100	71.2	80.5	82.9	84.4	85.2	85.4	86.0	86.1	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.5
≥ 90	71.4	81.0	83.4	85.1	85.9	86.2	86.8	87.0	87.0	87.2	87.2	87.2	87.2	87.3	87.3	87.3
≥ 80	71.5	81.4	84.0	85.8	86.7	87.0	87.7	88.0	88.0	88.2	88.3	88.3	88.3	88.3	88.4	88.4
≥ 70	71.7	81.8	84.5	86.4	87.4	87.9	88.7	89.2	89.2	89.5	89.6	89.6	89.7	89.7	89.7	89.7
≥ 60	71.7	81.9	84.8	86.9	88.1	88.7	89.8	90.4	90.4	90.7	90.8	90.8	91.0	91.0	91.0	91.0
≥ 50	71.8	82.1	85.2	87.5	88.8	89.7	91.1	91.8	91.8	92.4	92.5	92.5	92.7	92.7	92.7	92.8
≥ 40	71.9	82.3	85.5	87.9	89.4	90.4	92.5	93.3	93.4	94.1	94.4	94.4	94.7	94.7	94.8	94.8
≥ 30	71.9	82.3	85.5	88.0	89.5	90.7	92.9	94.4	94.5	95.5	96.0	96.0	96.8	96.8	96.9	97.3
≥ 20	71.9	82.3	85.5	88.0	89.6	90.7	93.2	94.7	94.8	96.2	96.8	96.8	97.9	97.9	98.3	98.8
≥ 10	71.9	82.3	85.5	88.0	89.6	90.7	93.2	94.7	94.8	96.3	97.0	97.0	98.3	98.3	98.8	99.4
≥ 0	71.9	82.3	85.5	88.0	89.6	90.7	93.2	94.7	94.8	96.3	97.0	97.0	98.3	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

STATION  
7347

STATION NAME  
KANSAS CITY INTL MO

YEARS  
73-81

MONTH  
ALL

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)  
ALL

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	52.6 56.1	57.4 61.4	58.3 62.4	59.0 63.2	59.3 63.5	59.4 63.6	59.5 63.7	59.6 63.8	59.6 63.8	59.6 63.8	59.6 63.8	59.6 63.8	59.6 63.8	59.6 63.8	59.7 63.9	59.7 63.9
≥ 18000 ≥ 16000	56.2 56.3	61.6 61.6	62.6 62.6	63.3 63.3	63.6 63.6	63.7 63.7	63.8 63.9	63.9 63.9	64.0 63.9	64.0 64.0	64.0 64.0	64.0 64.0	64.0 64.0	64.0 64.0	64.0 64.0	64.0 64.1
≥ 14000 ≥ 12000	56.9 58.3	62.3 64.0	63.3 65.1	64.1 65.8	64.4 66.1	64.5 66.2	64.6 66.4	64.7 66.5	64.7 66.5	64.7 66.5	64.7 66.5	64.7 66.5	64.7 66.5	64.7 66.5	64.8 66.5	64.8 66.6
≥ 10000 ≥ 9500	60.7 61.7	66.8 68.0	67.9 69.1	68.7 70.0	69.0 70.3	69.1 70.5	69.3 70.6	69.4 70.7	69.4 70.7	69.4 70.7	69.4 70.7	69.4 70.7	69.4 70.7	69.5 70.8	69.5 70.8	69.5 70.8
≥ 8000 ≥ 7000	62.9 63.9	69.5 70.6	70.7 71.9	71.6 72.9	72.0 73.3	72.1 73.4	72.3 73.6	72.3 73.6	72.4 73.7	72.4 73.7	72.4 73.7	72.4 73.7	72.4 73.7	72.4 73.7	72.4 73.7	72.5 73.8
≥ 6000 ≥ 5000	64.8 65.8	71.8 72.9	73.1 74.3	74.1 75.3	74.5 75.7	74.6 75.9	74.8 76.1	74.9 76.1	74.9 76.1	74.9 76.2	74.9 76.2	74.9 76.2	74.9 76.2	75.0 76.2	75.0 76.2	75.0 76.3
≥ 4500 ≥ 4000	66.5 67.6	74.0 75.3	75.4 76.8	76.4 77.9	76.9 78.3	77.0 78.5	77.2 78.7	77.3 78.8	77.3 78.8	77.3 78.8	77.3 78.8	77.3 78.8	77.3 78.8	77.4 78.9	77.4 78.9	77.4 78.9
≥ 3500 ≥ 3000	68.3 69.5	76.2 77.8	77.8 79.5	78.9 80.6	79.4 81.1	79.5 81.3	79.7 81.5	79.8 81.6	79.8 81.6	79.9 81.7	79.9 81.7	79.9 81.7	79.9 81.7	79.9 81.7	79.9 81.8	80.0 81.8
≥ 2500 ≥ 2000	70.8 72.3	79.5 81.5	81.3 83.4	82.5 84.7	83.1 85.3	83.2 85.5	83.5 85.8	83.6 85.9	83.6 85.9	83.7 86.0	83.7 86.1	83.7 86.1	83.7 86.1	83.7 86.1	83.7 86.1	83.8 86.2
≥ 1800 ≥ 1500	72.8 73.8	82.3 83.9	84.2 86.0	85.6 87.5	86.2 88.2	86.4 88.4	86.8 88.8	86.9 88.9	86.9 88.9	87.0 89.0	87.0 89.1	87.0 89.1	87.0 89.1	87.0 89.1	87.1 89.1	87.1 89.2
≥ 1200 ≥ 1000	74.6 75.0	85.2 86.0	87.4 88.4	89.1 90.2	89.9 91.1	90.1 91.4	90.6 91.9	90.8 92.1	90.8 92.1	90.9 92.3	90.9 92.3	90.9 92.3	90.9 92.3	91.0 92.4	91.0 92.4	91.0 92.5
≥ 900 ≥ 800	75.2 75.3	86.3 86.6	88.8 89.2	90.7 91.2	91.7 92.3	92.0 92.6	92.5 93.3	92.7 93.5	92.7 93.5	92.9 93.7	92.9 93.7	92.9 93.7	92.9 93.7	93.0 93.8	93.0 93.8	93.1 93.9
≥ 700 ≥ 600	75.4 75.5	86.9 87.0	89.6 89.8	91.7 92.1	92.9 93.4	93.3 93.8	94.0 94.7	94.3 95.1	94.4 95.1	94.6 95.4	94.6 95.4	94.6 95.4	94.6 95.4	94.7 95.5	94.7 95.5	94.8 95.6
≥ 500 ≥ 400	75.5 75.6	87.2 87.3	90.1 90.3	92.5 92.7	93.9 94.3	94.4 94.8	95.5 96.1	95.9 96.6	95.9 96.7	96.3 97.2	96.4 97.3	96.4 97.3	96.4 97.3	96.5 97.5	96.5 97.5	96.6 97.6
≥ 300 ≥ 200	75.6 75.6	87.3 87.4	90.3 90.3	92.8 92.8	94.4 94.4	95.0 95.1	96.4 96.5	97.1 97.2	97.2 97.3	97.8 98.1	98.0 98.4	98.0 98.4	98.0 98.4	98.3 98.9	98.4 99.1	98.5 99.3
≥ 100 ≥ 0	75.6 75.6	87.4 87.4	90.3 90.3	92.9 92.9	94.5 94.5	95.1 95.1	96.5 96.5	97.3 97.3	97.3 97.3	98.2 98.2	98.5 98.5	98.5 98.5	98.5 98.5	99.0 99.1	99.1 99.1	99.6 100.0

TOTAL NUMBER OF OBSERVATIONS 70112



## PART D

## SKY COVER

Stations that report both synoptic and airways observations have had their sky cover reports converted into airways. The synoptic hours have significantly lower observation counts than the airways, hence, a small percentage of observations were reported in the 1/10, 4/10, 5/10, 6/10, and 8/10 categories. In order to use this data more beneficially we have combined:

- 1/10 and 4/10 into the 3/10 (scattered) category
- 5/10, 6/10 and 8/10 into the 9/10 (broken) category
- 0/10 is the clear category
- 10/10 is the overcast category

## SKY COVER

444

4. 2. 1.

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF B.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	42.9			11.7						9.7	35.6	4.8	741
	03-05	40.9			11.1						3.4	39.6	5.0	741
	06-08	33.9			10.8						12.8	42.5	5.7	741
	09-11	28.1			11.1						14.4	46.4	6.3	741
	12-14	26.2			13.7						16.7	43.4	6.3	741
	15-17	27.8			12.5						16.4	43.3	6.2	741
	18-20	33.0			13.6						13.5	40.0	5.6	741
	21-23	39.8			13.6						9.3	38.3	5.1	741
TOTALS		34.0			12.3						12.7	41.1	5.6	593

## SKY COVER

FFL

## ACKNOWLEDGMENTS

SALES IN NAME

PER CC.

441

MONTH	HOURS ALST.	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	36.1			14.7						8.0	41.2	5.3	675
	03-05	37.6			11.2						12.2	38.9	5.3	679
	06-08	31.3			14.6						10.8	42.8	5.7	677
	09-11	23.4			15.3						20.0	41.2	6.4	674
	12-14	21.4			18.4						16.5	43.7	6.4	674
	15-17	23.0			16.4						14.9	45.7	6.4	678
	18-20	29.4			17.0						13.0	40.7	5.7	678
	21-23	36.8			13.9						9.5	39.9	5.3	677
TOTALS		29.9			15.2						13.1	41.8	5.8	5415

## SKY COVER

MAR

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MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	33.6			12.1						10.2	39.1	5.2	744
	03-05	38.6			11.8						9.6	40.0	5.2	743
	06-08	26.3			10.8						18.0	44.9	6.4	744
	09-11	22.4			16.0						17.3	44.3	6.5	742
	12-14	18.7			13.7						19.6	43.0	6.6	744
	15-17	17.7			21.1						20.4	40.7	6.5	744
	18-20	26.9			18.0						19.0	36.1	5.9	743
	21-23	39.0			13.8						9.9	37.2	5.0	744
TOTALS		28.5			15.3						15.5	40.7	5.9	5948

## SKY COVER

APR

425

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	10-12	38.3			11.8						13.3	36.5	5.2	720
	13-15	34.5			13.9						11.4	40.1	5.5	718
	16-18	23.4			16.4						17.7	42.5	6.3	718
	19-11	21.4			16.9						16.7	45.0	6.5	720
	12-14	16.3			17.8						24.4	41.5	6.9	720
	15-17	15.9			20.0						22.1	42.0	6.8	719
	18-20	22.5			18.5						20.1	38.9	6.3	720
	21-23	35.6			14.7						14.9	34.9	5.3	720
TOTALS		26.0			16.3						17.6	40.2	6.1	5755

## SKY COVER

MAY

— 52 —

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	35.7			15.5						13.8	35.0	5.2	740
	03-05	30.4			17.5						17.2	34.9	5.6	737
	06-08	20.4			15.5						22.0	42.1	6.7	741
	09-11	21.3			15.1						23.7	40.0	6.6	743
	12-14	13.0			21.6						29.8	35.5	6.9	744
	15-17	12.1			24.5						35.2	28.2	6.7	744
	18-20	18.8			22.2						29.2	29.8	6.3	739
	21-23	30.1			21.5						17.9	30.5	5.3	741
TOTALS		22.7			19.2						23.6	34.5	6.2	5929

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**JUN**

MONTH

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## SKY COVER

73-80

JUL

STATION

STATION NAME

PER-00

MON'S

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	53.1			18.7						16.5	11.7	3.2	744
	03-05	46.3			20.7						15.3	17.7	3.8	739
	06-08	31.8			24.7						21.9	21.6	4.9	741
	09-11	31.6			27.7						20.9	19.8	4.7	743
	12-14	22.3			34.2						26.6	16.8	5.1	743
	15-17	19.4			41.7						25.8	13.2	4.9	744
	18-20	30.6			35.6						21.1	12.6	4.2	738
	21-23	49.1			24.9						13.7	12.3	3.2	739
TOTALS		35.5			28.5						20.2	15.7	4.3	5931

FORM 0-9.5 (OL A)  
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.



## SKY COVER

AUG

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	51.3			17.2						11.8	19.7	3.5	743
	03-05	46.0			18.9						11.9	23.2	4.0	737
	06-08	27.7			27.1						22.1	23.1	5.1	743
	09-11	28.4			28.4						21.1	22.2	5.0	744
	12-14	22.3			34.7						23.0	20.0	5.1	744
	15-17	21.4			38.8						21.1	18.7	4.9	744
	18-20	38.0			28.2						20.2	13.6	4.0	744
	21-23	50.4			20.7						12.2	16.7	3.4	744
TOTALS		35.7			26.8						17.9	19.7	4.4	5943

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SKY COVER

3947 KANSAS CITY INTL MO

73-80

SEP

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	49.0			16.7						11.0	23.3	3.8	718
	03-05	44.8			18.5						7.7	29.1	4.2	715
	06-08	31.4			16.7						21.6	30.3	5.5	719
	09-11	30.8			17.3						19.7	32.2	5.5	717
	12-14	29.3			21.8						21.4	27.5	5.3	720
	15-17	27.5			25.3						22.8	24.4	5.3	720
	18-20	36.1			21.5						19.9	22.5	4.7	720
	21-23	48.1			18.4						11.0	22.6	3.8	718
TOTALS		37.1			19.5						16.9	26.5	4.8	5747

C-41

**13**

OCT

MONTH

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14

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

## SKY COVER

03947 KANSAS CITY INTL MO

73-80

NOV

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	42.9			14.3						7.2	35.5	4.6	718
	03-05	44.6			12.1						7.0	36.4	4.6	718
	06-08	32.5			15.1						11.9	40.4	5.6	720
	09-11	25.9			15.3						15.7	43.0	6.2	718
	12-14	23.2			18.6						17.5	40.7	6.2	720
	15-17	24.6			14.9						20.9	39.6	6.3	719
	18-20	32.4			17.4						14.4	35.8	5.4	720
	21-23	42.2			13.9						9.0	34.9	4.7	720
TOTALS		33.5			15.2						13.0	38.3	5.5	5753

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SKY COVER

13947 KANSAS CITY INTL MO

73-80

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	45.4			8.5						8.3	37.8	4.8	743
	03-05	42.2			11.9						6.5	39.5	4.9	742
	06-08	32.5			16.7						12.3	38.5	5.5	742
	09-11	25.5			16.8						15.9	41.8	6.1	744
	12-14	23.3			19.0						15.3	42.5	6.2	744
	15-17	24.3			18.7						14.4	42.6	6.1	744
	18-20	37.0			12.8						11.0	39.2	5.3	744
	21-23	41.9			12.4						9.3	36.4	4.8	744
TOTALS		34.0			14.6						11.6	39.8	5.5	5947

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SKY COVER

03947 KANSAS CITY INTL MO

73-81

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	34.0			12.3						12.7	41.1	5.6	5938
FEB		29.9			15.2						13.1	41.8	5.8	5415
MAR		28.5			15.3						15.5	40.7	5.9	5948
APR		26.0			16.3						17.6	40.2	6.1	5755
MAY		22.7			19.2						23.6	34.5	6.2	5929
JUN		29.9			26.8						22.6	20.7	4.9	5747
JUL		35.5			28.5						20.2	15.7	4.3	5931
AUG		35.7			26.8						17.9	19.7	4.4	5943
SEP		37.1			19.5						16.9	26.5	4.8	5747
OCT		45.0			18.1						13.9	23.0	4.1	5949
NOV		33.5			15.2						13.0	38.3	5.5	5753
DEC		34.0			14.6						11.6	39.8	5.5	5947
TOTALS		32.7			19.0						16.6	31.8	5.3	70002

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperatures
  - b. Daily minimum temperatures
  - c. Daily mean temperatures

**NOTE:** Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature

**NOTE:** The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1940. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.



AD-A113 179

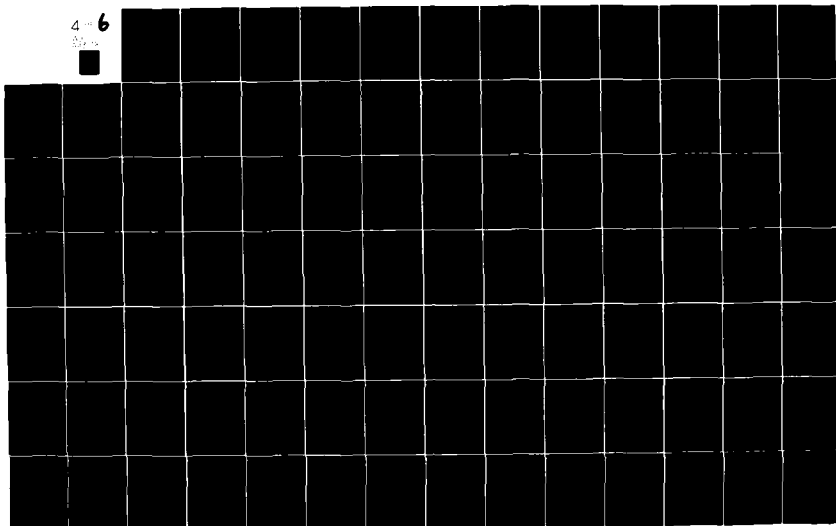
AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
KANSAS CITY IAP, MISSOURI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)  
DEC 81

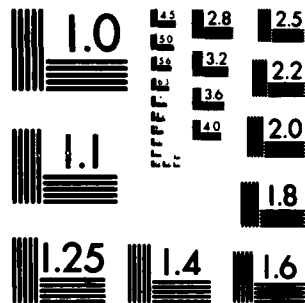
UNCLASSIFIED USAFETAC/DS-82/003

S81-AD-F850 135

NL

4-6





MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY DIVISION  
USAFETAC  
AIR WEATHER SERVICE/AD

# PSYCHROMETRIC SUMMARY

07947 KANSAS CITY INTL MO  
STATION STATION NAME

74-51

YEARS

PAGE 1

JAN  
MONTH  
0000-0200  
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
50 / 55		.1					.1											2	2		
54 / 53		.3	.4			.7	.1											8	9	1	
52 / 51		.1				.7												3	3	2	2
50 / 49		.1																1	1	4	1
48 / 47		.1																1	1	2	4
46 / 45		.7				.1												3	3	1	2
44 / 43		.3	.3	.4														7	7	7	1
42 / 41		.1	.4	.1	.1													6	6	2	1
40 / 39		.1	.5	1.1														13	13	3	1
38 / 37		.7	1.6	1.5		.4												31	31	9	3
36 / 35		1.9	2.4	.9	.1													40	40	11	5
34 / 33	.5	2.7	2.4	1.3														52	52	11	11
32 / 31	.3	4.4	3.7	.4														70	70	49	16
30 / 29	.3	2.3	2.7															43	43	69	47
28 / 27	.3	2.7	1.5	.3														35	35	63	40
26 / 25	.4	2.4	.9	.1														26	36	41	29
24 / 23	.3	2.3	1.2															28	28	34	43
22 / 21	1.5	2.6	.9															37	37	49	51
20 / 19	.4	3.1	.8															32	32	20	65
18 / 17	.5	3.6	.7															36	36	39	36
16 / 15		3.6	1.1															35	35	28	27
14 / 13		2.8	.5															27	27	35	34
12 / 11	.4	2.3																20	20	26	25
10 / 9	.7	1.7																18	18	27	23
8 / 7	.1	3.1																24	24	23	34
6 / 5	.4	3.4																25	25	21	16
4 / 3	.3	2.4																20	20	26	23
2 / 1	1.1	2.6																27	27	27	33
0 / -1	1.1	.3																25	25	33	22
-2 / -3	.3	.5																10	10	10	27
-4 / -5	.5	.4																7	7	7	25
-6 / -7	1.5																	11	11	13	22
-8 / -9	1.1																	6	6	8	18
-10 / -11	.4																	3	3	3	12
Element (X)	Σ X <sup>2</sup>		Σ X		X		X		X		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

## PSYCHROMETRIC SUMMARY

02947	KANSAS CITY INTL MO
STATION	STATION NAME

74-51

YEARS

JAN  
MONTH

PAGE 2

0000-0200  
HOURS (L.S.T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03047 KANSAS CITY INTL MO  
STATION STATION NAME

74-61

YEARS

JAN  
MONTH

PAGE 1

0300-0500  
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
54 / 53						.5												4	4					
52 / 51		.1			.7	.1												4	4					
50 / 49		.3																2	2	1	1			
48 / 47		.4																3	3	3	1			
46 / 45																				3	4			
44 / 43																				5				
42 / 41		.4		.4	.1													7	7	1				
40 / 39		.3	1.2															11	11	3				
38 / 37	.1	.3	1.3	.9		.4												23	23	4	3			
36 / 35	.3	1.6	2.0	.5	.1													34	34	16	4			
34 / 33		2.3	3.2	.3														47	47	26	9			
32 / 31	.3	5.5	2.6	.8														72	72	53	19			
30 / 29	.7	4.2	1.9	.4														53	53	74	42			
28 / 27		1.5	1.1	.3														21	21	51	35			
26 / 25	.3	3.9	1.9															49	49	40	44			
24 / 23	.3	2.6	1.1															29	29	49	44			
22 / 21	.3	2.3	.5															27	27	35	40			
20 / 19	.3	3.1	.3															35	35	34	42			
18 / 17	1.2	2.3	.4															33	33	38	37			
16 / 15	.5	2.6	.7															26	28	24	40			
14 / 13	.7	4.2	.5															40	40	25	45			
12 / 11	.3	2.2																18	18	33	24			
10 / 9	.9	3.3																35	35	33	16			
8 / 7	.3	2.7																2	22	33	25			
6 / 5	.3	1.3																	12	19	21			
4 / 3	.4	3.1																	26	17	24			
2 / 1	.3	3.4																31	31	31	42			
0 / -1	2.6	.9																26	26	32	24			
-2 / -3	1.3	.3																12	12	17	15			
-4 / -5	1.6	.5																16	16	17	22			
-6 / -7	.3																	6	6	7	25			
-8 / -9	1.3																	10	10	10	21			
-10 / -11	.3																	6	6	6	21			
-12 / -13	.3																	2	2	2	10			
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								
																Mean No. of Hours with Temperature						Total		
																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		

## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

74-81

**YEARS**

JA:

MONTH

PAGE 2

0300-0500

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATELOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

07847 KANSAS CITY INTL MO  
STATION STATION NAME

74-81

YEARS

JAN  
MONTH

PAGE 1

0600-0600  
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
64/53						.1												1	1					
62/51				.1	.3	.3												5	5					
42/47		.1																1	1					
41/45	.1																	1	1	5	1			
44/43		.3	.1															3	3	1	1			
42/41		.1	.1	.3														4	4	4				
42/39		.5	.7															9	9	2	7			
36/37		.9	.9	.3		.4												10	13	9	5			
36/35	.1	1.6	2.7	.8														39	39	17	6			
34/32		2.3	1.7	.7														35	35	19	17			
32/31	.7	4.6	3.4	.4		.1												68	63	52	16			
31/29	.9	4.3	1.2															46	46	61	35			
27/27		3.2	1.9															35	35	53	32			
26/25	.2	2.7	1.1	.1														35	35	44	39			
24/23	.4	3.5	1.3															39	39	41	43			
22/21	1.3	1.9	.3															30	30	37	38			
21/19	.3	3.9	.5															35	35	29	51			
18/17	.4	3.3	.3															27	27	36	30			
16/15	1.9	2.7	.3															36	36	42	33			
14/12	1.6	2.7	.4															34	34	25	44			
12/11	1.1	3.5																34	34	33	27			
10/9	.3	3.9																35	35	38	37			
6/7	.4	3.1																26	26	37	21			
4/5	.4	1.1																11	11	16	17			
4/3	.5	3.1																26	26	18	33			
2/1	.5	2.8																25	25	32	41			
0/-1	2.3	1.1																25	25	22	13			
-2/-3	1.1	.7																13	13	19	22			
-4/-5	1.1	.5																12	12	12	19			
-6/-7	.6	.1																7	7	9	16			
-8/-9	.6																	19	19	19	22			
-10/-11	.4																	3	3	3	19			
-12/-13	.3																	7	7	7	9			
-14/-15																					17			
Element (X)	Σ X <sup>2</sup>			Σ X			X	Σ X			Σ X			Σ X			No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.																		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb																								
Wet Bulb																								
Dew Point																								





## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

74-81

YEARS

JAN  
MONTH

PAGE 1 3970-1100  
HOURS 10.5.10

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
56 / 55				.1														1	1				
54 / 53				.3		.1												3	3				
52 / 51						.4												3	3				
50 / 49					.1	.1												2	2	1			
48 / 47						.1												1	1				
46 / 45			.1	.3	.7													5	5				
44 / 43		.3	.1	.3	.1	.1												7	7	3	1		
42 / 41		.4	.7	.5	.3													11	11	7	1		
40 / 39		.5	2.4	1.5	.4	.1												35	35	6	1		
38 / 37	.1	1.3	1.3	1.6	.7													35	35	15	7		
36 / 35	.1	1.9	2.3	1.6	.7													44	44	43	3		
34 / 33		2.3	2.3	.3														36	36	44	16		
32 / 31	.7	4.3	4.2	.5	.1													73	73	49	34		
30 / 29	.4	2.3	2.3	.4														36	36	65	39		
28 / 27	.3	3.3	1.2	.5														37	37	52	43		
26 / 25	.7	2.3	1.7	.1														31	31	42	46		
24 / 23	.5	1.3	1.1	.1														23	23	37	38		
22 / 21	1.1	1.9	1.6															34	34	28	45		
20 / 19	.8	3.3	.4	.1														32	32	34	32		
18 / 17	.5	2.3	1.1															33	33	34	29		
16 / 15	.8	1.7	1.1															27	27	31	35		
14 / 13	.9	3.1	.3															32	32	25	26		
12 / 11	.7	4.7	.3															37	37	35	36		
10 / 9	.7	3.5	.7															33	33	43	32		
8 / 7	.1	3.2																25	25	24	23		
6 / 5		1.7																13	13	26	26		
4 / 3	.1	3.3																23	23	21	23		
2 / 1		2.4																18	18	18	39		
0 / -1	1.1	.4																11	11	17	13		
-2 / -3	.4	1.2																12	12	11	24		
-4 / -5	.7	.5																9	9	9	26		
-6 / -7	.5																	6	6	10	17		
-8 / -9	.7																	7	7	7	27		
-10 / -11	.7																	5	5	5	13		
Element (X)	ΣX²			ΣX		X	e <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
(JUN 71)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

63447 KANSAS CITY INTL MO  
STATION STATION NAME

74-81

YEARS

JAN  
MONTH

PAGE 1 1200-1400  
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
66 / 65										.1								1	1					
64 / 63									.1									1	1					
60 / 59							.1	.1										2	2					
58 / 57				.1			.1	.3										5	5					
56 / 55				.1		.3	.5	.1										8	8					
54 / 53					.4	.3	.1											6	6					
52 / 51					.3	.5	.4											9	9	2				
50 / 49				.1	.4	.3	.7											8	8	2				
48 / 47			.7		.7	.4												10	10	2	1			
46 / 45			.4	.4	.7	.8												17	17	7	0			
44 / 43		.5	2.3	1.1	.9													34	34	16				
42 / 41		.5	.7	3.1	1.1													40	40	16	1			
40 / 39		.1	1.3	2.6	.9	.1												35	35	18	5			
38 / 37		1.7	.5	2.2	.4	.3												39	39	39	4			
36 / 35	.5	2.0	1.2	1.6	.6	.1												45	45	61	11			
34 / 33	.5	1.7	2.2	1.3	.7													48	48	57	19			
32 / 31	.3	1.7	2.6	2.3	.3													53	53	40	40			
30 / 29	.7	1.6	1.5	.7														33	33	58	44			
28 / 27	.5	1.5	1.3	.7														30	30	46	47			
26 / 25	.5	1.3	1.1	.9														30	30	48	63			
24 / 23		1.7	1.2	.9														26	26	31	25			
22 / 21	.3	1.2	1.3	.3														23	23	30	44			
20 / 19	.1	2.4	1.9															33	33	26	50			
18 / 17	.1	1.7	2.2															30	30	29	27			
16 / 15	.1	2.3	1.7															35	35	28	33			
14 / 13	.4	3.1	1.2															35	35	38	22			
12 / 11	.1	2.4	.9															26	26	41	30			
10 / 9	.1	2.7	.5															25	25	24	19			
8 / 7		2.2																16	16	31	27			
6 / 5		1.7																13	13	17	25			
4 / 3		.9																7	7	12	29			
2 / 1		.7																5	5	5	31			
0 / -1	.3	.4																5	5	8	27			
-2 / -3		.5																4	4	4	2			
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

## PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

**USAFETAC** FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

74-51

YEARS

J.A.  
 MONTH

PAGE 2 1570-1700  
HOURS S. T.

[illegible]

GLOBAL CLIMATE DATA  
USAF/TAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO  
STATION STATION NAME

74-01

YEARS

JAN  
MONTH

PAGE 1

1800-2000  
HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
50 / 55			.3				.1											3	3																		
44 / 52		.1		.4		.2												6	6	1																	
50 / 51			.1	.3	.1	.5												8	8	2																	
50 / 46				.1	.5	.4	.1											7	7																		
40 / 47				.1	.7													4	4	5																	
40 / 45				.1	.7	.1												13	13	1																	
40 / 41		.3	.1	1.1														13	13	7	4																
40 / 37		.1	2.0	1.0	.7	.4												27	27	9	1																
30 / 37	.1	1.2	1.6	2.6	.1													42	42	25	6																
30 / 33		.1	1.3	2.3	2.3	.3												45	45	41	13																
30 / 28	.4	1.7	2.7	1.7	.7													51	51	48	11																
30 / 31			3.6	3.2	.3													54	54	61	32																
30 / 26	.7	2.4	1.7	.9														40	40	66	45																
30 / 27	.9	1.9	.9	1.1														35	35	61	54																
20 / 25	.1	2.0	2.4	.4														37	37	27	54																
20 / 23		2.5	1.2															28	28	39	21																
20 / 21	.3	1.6	2.1	.1														30	30	43	44																
20 / 19	.3	1.7	2.6															34	34	27	62																
10 / 17	.4	1.3	1.1															22	22	27	32																
10 / 10	.1	2.3	1.1															30	30	31	32																
10 / 13		3.1	.3															24	24	26	28																
10 / 11	.1	4.1	.9															35	35	29	24																
10 / 9	.3	3.0	.1															25	25	36	29																
0 / 7	.1	2.6																22	22	27	31																
0 / 5	.3	2.4																20	20	24	20																
4 / 3		1.6																12	12	18	21																
2 / 1		1.5																11	11	11	44																
0 / -1	.4	1.1																11	11	10	19																
-2 / -3	.4	.5																7	7	12	28																
-4 / -5		.9																7	7	4	25																
-6 / -7	.1																	1	1	6	14																
-8 / -9	.3																	2	2	2	10																
-10 / -11																					4																
Element (X)	$\Sigma x^2$			$\Sigma x$			$\bar{x}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature																										
Rel. Hum.											$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																				
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

## PSYCHROMETRIC SUMMARY

74-81

**YEARS**

JAN  
MONTH

PAGE 2

1000-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
-10/-13																						
-14/-13																						
-14/-13																						
-14/-13																						
-14/-13																						
-14/-13																						
-14/-13																						
TOTAL		.44	.1	.2	.5	1.5	4.1	1.7	.3										744	744	744	
																			744	744		

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



JOURNAL OF THE AMERICAN  
 SOCIETY OF CLIMATE ENGINEERS  
 AND METEOROLOGISTS  
 AIR WEATHER SERVICE/FAO

# PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO 74-51 JAN  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 2100-2300  
 HOURS T.C. S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
56 / 55							.1											1	1					
54 / 53		.4	.4			.5												10	10					
52 / 51			.5															2	2	3	3			
50 / 49		.1				.1												2	2	3				
48 / 47				.1														1	1	3				
46 / 45		.3	.1	.4	.4													9	9	1	6			
44 / 43			.4	.1	1.1		.1											13	13	6	3			
42 / 41		.5	.4	.1	.1	.1												17	17	6	1			
40 / 39			1.1	.6	.7	.4												22	22	9				
38 / 37		.4	1.5	1.2	.1													29	29	17	1			
36 / 35	.3	1.5	3.0	2.2	.3													53	53	21	7			
34 / 33	.5	2.3	1.7	1.3														44	44	31	3			
32 / 31	.3	3.5	4.2	.1														63	63	53	29			
30 / 29	.4	2.3	3.5	.1														47	47	68	35			
28 / 27	.4	2.3	.5															31	31	66	44			
26 / 25	.3	2.6	1.5	.5														36	36	41	55			
24 / 23	.1	3.2	1.6	.1														38	38	29	38			
22 / 21	.4	1.7	.9															23	23	43	39			
20 / 19	.3	4.7	2.0															52	52	32	70			
18 / 17	.4	2.4	.8															27	27	35	35			
16 / 15		1.9	1.1															22	22	36	32			
14 / 13	.1	1.9	.3															17	17	19	15			
12 / 11	.1	3.0	.4															26	26	17	35			
10 / 9	.1	3.3	.1															24	24	29	25			
8 / 7		3.9																26	28	27	27			
6 / 5		2.1																23	23	34	15			
4 / 3	.7	2.7																25	25	30	17			
2 / 1	.1	2.4																19	19	17	40			
0 / -1	1.3	.3																12	12	18	25			
-2 / -3	.1	.8																7	7	5	37			
-4 / -5	.7	.8																11	11	12	25			
-6 / -7	.5																	6	6	9	15			
-8 / -9	.5																	4	4	4	12			
-10 / -11																					5			
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								Total			
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																								
Wet Bulb																								
Dew Point																								

## PSYCHROMETRIC SUMMARY

03047	KANSAS CITY INTL MO
STATION	STATION NAME

74-11

JAN  
MONTH

PAGE 2      2100-2300  
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
-12/-17																					3					
-14/-15																					11					
-16/-17																					9					
-16/-19																					1					
-19/-21																					2					
TOTAL	7.0	61.7	26.6	9.6	2.7	1.1	.3													744	744					
																			744		744					

GLOBAL CLIMATOLOGY HANDBOOK  
USAFETAC  
AIR WEATHER SERVICE/AL

# PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO  
STATION STATION NAME

74-01

YEARS

JAN

MONTH

PAGE 1

ALL

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
66/ 67																		2	2			
66/ 65																		1	1			
64/ 62																		1	1			
62/ 59																		0	6			
52/ 57				.1														15	15			
52/ 55		.1	.1	.1		.1	.2											23	23			
54/ 53		.1	.1	.1	.1	.4	.1											47	47			
52/ 51		.1	.1	.1	.1	.3	.1											45	45	12		
52/ 49		.1	.1	.1	.1	.2	.1											33	33	13		
48/ 47		.1	.1	.1	.1	.2	.2											41	41	23		
48/ 45	.1	.1	.1	.3	.4	.3												72	72	26	15	
44/ 43		.2	.2	.6	.1	.2	.1											103	103	61	9	
42/ 41		.4	.4	1.2	.5		.1											155	155	69	11	
40/ 39		.5	1.3	1.4	.4	.2												209	209	94	17	
37/ 37	.1	.9	1.2	1.6	.2	.3												251	251	157	36	
36/ 35	.2	1.6	2.1	1.4	.3	.2												330	330	264	58	
34/ 33	.3	2.2	2.2	1.2	.3	.2												363	363	352	96	
32/ 31	.5	3.6	3.4	.3	.1	.2												502	502	400	244	
28/ 29	.7	2.5	2.1	.3														329	329	505	347	
28/ 27	.5	2.2	1.3	.5														265	265	453	336	
26/ 25	.4	2.5	1.7	.5														300	300	323	360	
24/ 23	.2	2.3	1.1	.2														223	223	295	293	
22/ 21	.7	1.8	1.1	.1														220	220	300	345	
20/ 19	.4	2.9	1.4	.2														262	262	220	453	
18/ 17	.5	2.5	1.1															246	246	257	253	
16/ 15	.5	2.7	1.1															253	253	265	280	
14/ 13	.3	2.9	.6															232	232	232	244	
12/ 11	.4	3.0	.4															224	224	252	210	
10/ 9	.5	2.9	.2															212	212	247	214	
8/ 7	.2	2.8	.2															176	176	231	210	
6/ 5	.2	2.3																128	128	174	159	
4/ 3	.3	2.2																146	146	150	198	
2/ 1	.3	2.1																142	142	147	311	
0/ -1	1.5	.6																122	122	151	183	
Element (X)	Σ X <sup>2</sup>		Σ X		X		X		X		No. Obs.		Mean No. of Hours with Temperature								Total	
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb																						
Wet Bulb																						
Dew Point																						





## PSYCHROMETRIC SUMMARY

02947	KANSAS CITY INTL MO
STATION	STATION NAME

74-61

YEARS

FE  
MONTH

PAGE 7 0630-0200  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

0300-0500  
HOURS - S - T - F

[illegible]

## PSYCHROMETRIC SUMMARY

27947	KANSAS CITY INTL MO
STATION	STATION NAME

74-51

YEARS

FEB

MONTH

PAGE 2

0300-0500  
HOURS (L. S. T.)

[illegible]

**USAFETAC** FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



GLOBAL CLIMATOLOGY DIVISION  
USAFETAC  
AIR WEATHER SERVICE/FAO

# PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO 74-61 FE  
STATION STATION NAME YEARS MONTH  
PAGE 1 0600-0800  
HOURS L.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
62 / 61				.1														1	1								
61 / 59				.3														2	2								
58 / 57						.1												1	1								
56 / 55			.1		.3													3	3	3							
54 / 53		.1	.1															2	2	1							
52 / 51		.3	.1	.1	.4	.1												5	6	2							
50 / 49	.1	.1	.3		.6	.1	.3											11	11	5	7						
48 / 47	.1	.1	.1	.6	.1	.4	.1											12	12	4	4						
46 / 45		.3	.1	.1														4	4	5	1						
44 / 43		.3	.6	.6	1.3													13	16	8							
42 / 41		.1	.4	.6	.4	.1												12	12	11	4						
40 / 39	.4	2.1	1.0	1.0	.6													35	35	16	7						
38 / 37	.1	2.1	.7	.6														24	24	26	14						
36 / 35	.1	1.9	1.1	.4														24	24	35	13						
34 / 33	.7	2.5	2.2	.6														43	43	36	25						
32 / 31	.4	4.1	2.9	.9														56	59	42	35						
30 / 29	.9	5.0	2.4	.1														57	57	55	37						
28 / 27	.3	2.9	.6															30	30	64	43						
26 / 25		3.5	.7															29	29	37	47						
24 / 23		2.4	1.0															23	23	25	35						
22 / 21	.3	3.5	.7															35	35	40	39						
20 / 19	.4	4.3	.6															36	36	29	47						
18 / 17	.4	2.5	.6															24	24	30	43						
16 / 15	.1	3.1	.3															24	24	24	29						
14 / 13	.6	4.4	.5															36	38	32	21						
12 / 11	1.2	2.5	.1															28	29	33	21						
10 / 9	1.4	1.5																17	17	30	39						
8 / 7	.1	2.4																17	17	14	40						
6 / 5		.6																4	4	12	25						
4 / 3	.3	.7																7	7	7	14						
2 / 1	.4	2.1																17	17	12	21						
0 / -1	.3	.3																8	8	12	6						
-2 / -3	.9	.4																9	9	10	11						
-4 / -5	.3																	2	2	3	8						
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

# PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO  
STATION STATION NAME

74-01

YEARS

FE3  
MONTH

PAGE 2

0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
-6/-7	.7																			5	5	5	7	
-5/-6	.7																			6	6	6	14	
-11/-11	.3																			2	2	2	5	
-12/-13	.3																			2	2	2	6	
-14/-15																							2	
-16/-17																							3	
-17/-19																							7	
-20/-21																							1	
-24/-25																							1	
-26/-27																							1	
TOTAL	14.3	56.9	17.4	6.2	3.7	1.0	.4													678	678	678	678	
Element (X)	Σ x <sup>2</sup>		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x	
Rel. Hum.	3774017		49835		73.5		12.8		4		678		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F	
Dry Bulb	552725		16961		25.0		13.773		678		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total	
Wet Bulb	463740		15530		22.9		12.631		678		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total	
Dew Point	332414		11778		17.4		13.740		678		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total	

## PSYCHROMETRIC SUMMARY

HOURS 11 A.M. - 5 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
70 / 64								.1										1	1						
60 / 67								.1										1	1						
66 / 65			.1					.1										2	2						
64 / 63			.1	.3			.1											4	4						
62 / 61						.1	.1											2	2	2					
60 / 59		.1						.1		.1								3	3						
58 / 57						.7	.1	.3										5	5	3					
56 / 55		.1	.1			.7	.1	.1	.1									10	10	1	1				
54 / 53		.1	.3	.1	.4	.1	.3											14	14	4	2				
52 / 51			.3	.1	.4	.4		.1										10	10	3	2				
50 / 49			.3	.1	.3	1.3												12	12	3					
48 / 47		.4	.6	.1	.4	.3												16	16	6	2				
46 / 45		.4	.1	.7	.4	.1												16	16	14	2				
44 / 43	.4	.7	.7	1.2	1.2	.1												30	30	24	8				
42 / 41	.1	.4	1.3	2.3	.7													32	32	28	13				
40 / 39	.3	.4	1.3	1.8	.4													29	29	22	13				
38 / 37		1.3	1.3	2.4	.1													31	31	28	12				
36 / 35	.2	1.3	1.3	.7														29	29	47	9				
34 / 33	.6	1.3	2.2	.9														38	38	39	26				
32 / 31		3.7	3.3	.6														51	51	37	34				
30 / 29		2.4	2.7	.1														35	35	62	40				
28 / 27	.1	2.3	1.6															31	31	34	62				
26 / 25	.4	3.4	1.3															35	35	36	49				
24 / 23		2.5	.4															20	20	38	35				
22 / 21	.4	2.7	1.3															28	28	30	37				
20 / 19		3.7	1.5															39	35	21	50				
18 / 17	.3	2.7	.6															24	24	32	30				
16 / 15		3.7																25	25	29	37				
14 / 13		2.8																19	19	23	28				
12 / 11	.3	2.7	.1															21	21	20	10				
10 / 9	.1	2.4	.1															13	18	21	26				
8 / 7		1.6																11	11	10	20				
6 / 5		1.2																8	9	12	11				
4 / 3		.7																5	5	8	20				
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ <sub>2</sub>		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 73

## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

74-101

YEARS

FFD

MONTH

PAGE 2      0920-1100  
HOURS 11.5.11

HOURS 1 5 T 1

[illegible]



## PSYCHROMETRIC SUMMARY

0347	KANSAS CITY INTL MO
STATION	STATION NAME

74-51

YEARS

FE -  
MONTH

PAGE 2 1200-1400  
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATE DATA  
USAFETAC  
AIR WEATHER SERVICE KANSAS

# PSYCHROMETRIC SUMMARY

STATION 7447 KANSAS CITY INTL MO  
STATION NAME

74-51

YEARS

FEB

MONTH

PAGE 1

1976-1977

HOURS 11.5.1.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
72 / 72										.1	.1							2	2																
74 / 72								.7		.1								3	3																
76 / 72											.7	.3						4	4																
78 / 69							.1				.1	.1						3	3																
80 / 67						.1			.1	1.2	.3	.1						13	13																
82 / 65						.1	.7		.2	.3	.3							16	16																
84 / 63				.1	.7	.1	.7		.7	.4								11	11																
86 / 61					.4		.7	.1										6	6																
88 / 59			.1	.1	.1		1.7	1.2		.3								22	22																
90 / 57			.1	.4	.1	.3	.6	.4	.7									16	16		7														
92 / 55			.1	.3	.7	.3	1.6	.6										24	24		6														
94 / 53				.8		.4	1.2											15	15		9														
96 / 51	.4		.1	.1	.4	.9	.7	.1										17	17	20	5														
98 / 49				.1	.7	1.6	.1											15	15	19	9														
100 / 47			.7	.4	1.7	.4	.1											19	19	30	4														
102 / 45		.3	.1	.1	1.2	.4												15	15	15	8														
104 / 43			.7	1.3	.4	1.6												28	28	32	5														
106 / 41		.1	.7	.7	.4	.3												16	16	31	10														
108 / 39		.7	.4	.9	.7													18	18	28	7														
110 / 37	.4	1.5	1.5	2.9	.1	.1												45	45	40	15														
112 / 35		1.3	2.1	1.6	.3													36	36	24	15														
114 / 33		1.2	1.6	1.3														28	28	40	30														
116 / 31	.3	3.3	1.9	1.6	.1													43	43	50	47														
118 / 29	.1	2.4	2.7	.9														41	41	46	56														
120 / 27	.4	1.6	1.2	.3														24	24	36	58														
122 / 25	.1	2.2	2.5	.4														36	36	46	40														
124 / 23		.9	2.1															20	20	26	26														
126 / 21		.3	2.9															21	21	25	51														
128 / 19		1.3	3.7															32	32	28	38														
130 / 17		1.9	1.5															25	25	22	34														
132 / 15		1.5	1.9															23	23	30	29														
134 / 13		1.2	1.7															15	15	25	22														
136 / 11	.3	.4																5	5	16	22														
138 / 9			.4															3	3	10	21														
Element (X)	$\Sigma X^2$			$\Sigma X$			$\bar{X}$	$\sigma_x$	No. Obs.			Mean No. of Hours with Temperature										Total													
Rel. Hum.												$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$			Total															
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

## PSYCHROMETRIC SUMMARY

13447	KANSAS CITY INTL MO
STATION	STATION NAME

74-21

YEARS

FEF  
MONTH

PAGE 2 1576-1700  
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
7		0.3																2	2	2	30					
6		0.3																2	2	3	21					
5		0.3																2	3	4	19					
4		0.3																4	4	4	10					
3		0.3																								
2		0.3																								
1		0.3																								
0																										
-1																										
-2																					14					
-3																					4					
-4																					2					
-5																					3					
-6																					1					
-7																					1					
-8																										
-9																										
-10																										
-11																										
TOTAL	1.1	23.3	33.1	14.6	7.5	6.3	4.5	2.8	1.6	2.5	1.2	.6						678	678	678	678					

USAFETAC FORM 0.26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71







GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

# PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO  
STATION STATION NAME

74-31

YEARS

FEB

MONTH

PAGE 1 0100-2300  
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
66/ 65						.1												1	1						
64/ 63				.4		.3												5	5						
62/ 61				.3	.1		.2											5	5						
60/ 59			.1			.1												2	2						
58/ 57				.1		.1	.1		.1									4	4		3				
56/ 55			.1		.7	.1	.2		.1									10	10		5				
54/ 53				.1	.7	1.2	.4	.1										22	22		3				
52/ 51				.3	.3	.3	.1											7	7		2				
50/ 49			.4	.1	.1	.6												9	9		5				
48/ 47	.3	.7	.7	1.2	.7	.9												31	31		8				
46/ 45		.4	.3	.4	.3	.4	.1											14	14		21				
44/ 43		.4	.7	.7	1.2	.4												23	23		22				
42/ 41		.1	.1	.7	.4	.1												11	11		23				
40/ 39		1.3	1.3	1.2	.1													27	27		20				
38/ 37		1.8	2.1	1.4														32	33		24				
36/ 35	.7	2.2	2.4	.4														39	39		43				
34/ 33	.1	2.6	2.2	.6														47	47		51				
32/ 31	.1	2.7	2.4	.5														46	46		47				
30/ 29	.2	1.9	2.2															34	34		54				
28/ 27	.2	3.7	1.2															36	36		36				
26/ 25	.1	2.7	.7	.1														25	25		45				
24/ 23		3.2	1.5	.1														33	33		23				
22/ 21		3.4																23	23		34				
20/ 19		4.7	1.5															42	42		27				
18/ 17		1.5	.9															16	16		20				
16/ 15		2.4																16	16		21				
14/ 13	.1	3.4																24	24		18				
12/ 11	.6	4.3																33	33		27				
10/ 9		2.7																18	18		36				
8/ 7		2.2																15	15		14				
6/ 5	.1	.9																7	7		11				
4/ 3		1.2																7	7		10				
2/ 1		.4																3	3		1				
0/ -1	.4	.3																5	5		6				
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

CENTRAL OBSERVATORY STATION  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

0347 KANSAS CITY INTL MO  
STATION STATION NAME

74-01

YEARS

FEB  
MONTH

PAGE 2 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-2/-3		.4																3	3	3	1
-4/-5	.7																	2	2	4	2
-6/-7																					
-8/-9																					
-10/-11																					
-12/-13																					
-14/-15																					
-16/-17																					
TOTAL	4.4	52.8	21.9	5.7	4.7	5.5	1.5	.1	.7									676	678	678	678
Element (X)	Σ X <sup>2</sup>		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature												Total
Rel. Hum.	3357033		46734		68.9	14.122	676		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							64
Dry Bulb	733915		20143		29.7	14.146	678		1.2	48.1											64
Wet Bulb	583935		18143		26.6	12.334	678		1.4	55.5											64
Dew Point	391022		13558		20.1	13.134	678		6.4	72.7											64

03947	KANSAS CITY INTL MO
STATION	STATION NAME

## PSYCHROMETRIC SUMMARY

PAGE 1

**USAFETAC FORM 0-26-3 (OL A)** PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
11 JUN 71

## PSYCHROMETRIC SUMMARY

37947	KANSAS CITY INTL MO
STATION	STATION NAME

74-c1

YEARS

FEB  
MONTH

PAGE 2

ALL

HOURS L. S. T.



## PSYCHROMETRIC SUMMARY

0547	KANSAS CITY INTL MO
STATION	STATION NAME

74-31

YFARS

MAJ  
MONTH

PAGE 2 7000-0200  
HOURS 10.5.10



## PSYCHROMETRIC SUMMARY

0747	KANSAS CITY INTL
STATION	STATION NAME

4-11

YEARS

2. D. 1.

PAGE : 0300-050  
HOURS : S. T.

## PSYCHROMETRIC SUMMARY

YEARS

1. 2. 3.  
 MONTH

0300-0500  
HOURS U. S. T.

[illegible]

10

①

YEARS

0600-0800  
HOURS

USAFSTAC FORM 0-26.3 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

2600-5900  
HOURS U.S.T.

## PSYCHROMETRIC SUMMARY

YEARS

MONTH

[illegible]

## PSYCHROMETRIC SUMMARY

07547	KANSAS CITY INTL MO
STATION	STATION NAME

74-21

YEARS

20

MONTH

PAGE 2 0900-1100  
HOURS (L. S. T.)



## PSYCHROMETRIC SUMMARY

0747	KANSAS CITY INTL
STATION	STATION NAME

74-11

YEARS

MAW  
MONTH

PAGE 2 1200-1400  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATELOGY  
USAFETAC  
AIR WEATHER SERVICE/AC

# PSYCHROMETRIC SUMMARY

07547 KANSAS CITY INTL MO  
STATION STATION NAME

74-01

YEARS

MA  
MONTH

PAGE 1

1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					
82/ 81										.4	.1							4	4			
81/ 79								.1			.3							3	3			
78/ 77							.4		.1				.1					5	5			
76/ 75						.3	.7	.1	.7	.3			.1					13	13			
74/ 73						.3	.4		.7	.7		.1						17	17			
72/ 71						.1	.1	.2	.4	.5	.3	.1						14	14			
71/ 69					.1	.5	.4	.4	.4	.1	.7							23	20			
68/ 67			.4	.1		.4	.4	.2	.1	.3	.3							19	19	1		
66/ 65				.4	.3	.5	.4	.2	.7	.9	.1							31	31	5		
64/ 63		.1		.3	.7	1.2	.5	.7	.9	.1								29	29	12	1	
62/ 61		.3		.3	.3	.8	1.2	.5	.5	.1								32	32	13	3	
60/ 59		.4	.3	.1	.4	.4	.3	1.1	.7	.3								33	33	22	5	
58/ 57		.1	.3		.7	.3	.4	.5	.2									26	26	19	13	
56/ 55	.4	.4	.4	.3	1.3	.7	1.2	.3	.1									40	40	31	12	
54/ 53		.1	.3	.9		1.2	2.3	.4										37	37	21	11	
52/ 51		.5	.3	1.7	.3	.3	1.2											45	45	37	16	
50/ 49		.3	.7	.5	.3	1.5	.7											35	35	50	19	
48/ 47		.5	.3	.1	1.1	1.2	.3											26	26	50	15	
46/ 45		.9	.3	1.2	.7	.7	.4											31	31	46	24	
44/ 43		.3	.9	.8	1.1	1.1	.3											33	33	45	19	
42/ 41	.4	1.5	1.3	.9	1.9	.8												51	51	55	55	
40/ 39		.5	1.7	.9	.7	.5												32	32	55	37	
38/ 37	.1	1.3	.9	1.1	.7													31	31	38	24	
36/ 35	.1	.9	1.2	.3	.7													29	29	48	39	
34/ 33	.1	.9	.5	.4	.3													17	17	49	42	
32/ 31		2.1	.9	1.9														36	36	34	56	
30/ 29		1.5	1.2	.5														24	24	32	55	
28/ 27		.9	.4	.7														15	15	25	46	
26/ 25			.1															1	1	31	57	
24/ 23				.1														4	4	2	28	
22/ 21			.3															2	2	6	39	
20/ 19			.4															3	3	3	37	
18/ 17																				2	16	
16/ 15		.3																2	2	3	17	
Element (X)	Σ X'		Σ X		X		X		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

## PSYCHROMETRIC SUMMARY

03447	KANSAS CITY INTL MO
STATION	STATION NAME

74-01

YEARS

MA 2  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

03047	KANSAS CITY INTL
STATION	STATION NAME

74-31

YEARS

MAZ

MON 74

PAGE 1

1800-2000

HOURS 14, 5, 7, 1

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
11/11/71

## PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL MO
STATION	STATION NAME

74-61

YEARS

MAJ  
MONTH

PAGE 2

1800-2000  
HOURS L.S.T.

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AT: WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

07947 KANSAS CITY INTL MO 74-61 MAR  
STATION STATION NAME YEARS MONTH  
PAGE 1 2100-2300  
HOURS L.T. S.T. T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
70 / 60			.1	.3	.7	.3	.3	.1										4	4		
68 / 67			.3	.4	.7	.3	.3	.1										14	14		
66 / 65		.2	.3	.4	.4	.1	.4											14	14		
64 / 63			.5	.4		.4	.3	.1	.1									14	14	6	
62 / 61		.1	.1	.1	.4	.1	.3	.3	.1									12	12	6	3
60 / 59		.4		.1	.1	.1	.3	.4										11	11	12	5
58 / 57		.3	.4	.4	.4	.3	1.2	.3										25	25	14	7
56 / 55		.4	.4	.3	.4	.4	.9	.1										22	22	9	11
54 / 53		.1	.4	.7	1.1	.3		.4										26	26	15	8
52 / 51	.1	.4	.7	.3	.8	1.3	.7											32	32	12	5
50 / 49	.3	.4	.9	.8	1.1	.9	.1											21	31	18	16
48 / 47		1.3	1.9	.8	.3	.7												42	43	32	11
46 / 45		1.3	1.3	1.3	1.3	.1												41	41	44	16
44 / 43		1.2	2.3	1.2	1.1													43	43	50	17
42 / 41	.1	1.3	3.2	1.2	.8	.1												51	51	46	28
40 / 39		1.9	2.2	.8	.4													42	42	49	36
38 / 37		1.3	2.3	1.5	.7													41	41	67	29
36 / 35	.4	2.7	2.5	1.2	.7													53	53	46	42
34 / 33		2.1	4.3	1.3	.1													56	56	53	62
32 / 31	.1	2.6	3.3	.4														45	45	52	64
30 / 29	.7	2.4	1.3	.1														34	34	63	55
28 / 27	.3	1.3	1.5															24	24	44	33
26 / 25		1.1	1.2															17	17	26	61
24 / 23		1.2	1.3	.1														20	20	21	24
22 / 21		1.2	.3															11	11	22	55
20 / 19		.7	.4															8	8	13	40
18 / 17		.1																1	1	7	28
16 / 15																				4	23
14 / 13																					18
12 / 11																					8
10 / 9																					10
8 / 7		.1																1	1		2
6 / 5		.4																3	3	3	5
4 / 3	.1	.4																4	4	5	3
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

## PSYCHROMETRIC SUMMARY

<u>53947</u> STATION	<u>KANSAS CITY INTL MO</u> STATION NAME
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74-61

YEARS

5. A 2  
MONTH

PAGE 2

2100-2300

HOURS L. S. T.

## PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL
STATION	STATION NAME

74-21

MA 5

MONIM

YEARS

PAGE 1

All 1

HOURS: 10 A.M. - 5 P.M.

[illegible]

OFFICE OF METEOROLOGY  
USAFETAC  
AIR WEATHER SERVICE/NAAC

# PSYCHROMETRIC SUMMARY

37547 KANSAS CITY INTL  
STATION STATION NAME

74-01

YEARS

44  
MONTH

PAGE 1

ALL

HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
14 / 13	.1	.4	.7															28	28	33	123											
12 / 11	.1	.2	.1															19	19	20	113											
11 / 9	.1	.3																21	21	27	71											
9 / 7	.1	.1																7	7	15	40											
8 / 5		.1																6	6	8	24											
4 / 3	.1	.1																5	5	11	30											
2 / 1		.1																5	5	4	30											
0 / -1	.1																	2	3	4	9											
-2 / -3	.1	.3																4	4	5	9											
-4 / -5	.1																	2	2	3	13											
-6 / -7	.1																	3	3	3	9											
-8 / -9	.1																	3	3	3	9											
-10 / -11																																
-12 / -13																																
-14 / -15																																
-16 / -17																																
TOTAL	2.7	30.1	25.1	14.6	19.1	7.2	5.6	2.4	1.7	.9	.4	.1	.0					5948	5950	5948												
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ											
Rel. Hum.	27436861		389487		65.5		18.025		5946		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F											
Dry Bulb	11777132		252146		42.4		13.546		5950		1.6		184.2		31.4		10.1		1.3													
Wet Bulb	9185513		222733		37.0		7.343		5945		2.0		261.1		.1																	
Dew Point	6435742		121266		30.5		12.301		5949		7.5		444.3																			





## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

74-61

YEARS

ADY  
MONTH

PAGE 2

7000-0200  
HOURS L. S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO

74-31

AF -

STATION

STATION NAME

YEARS

**MONTH**

PAGE 1

7300-2540

HOURS S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
72 / 71				.4														5	3					
71 / 69			.6	.1	.1				.1									7	7					
68 / 67			.7	.3	.2	.1	.1	.1										14	14	3				
66 / 65		.6	1.7	.3	.2	.1	.7	.4										34	34	4	7			
64 / 63		1.7	.6	.6	.2	.1	.6											26	26	17	4			
62 / 61		1.7	.6	.6	.2	.4		.2										33	33	19	14			
59 / 59		1.9	.3	.4	1.1	.1	.1											28	28	39	26			
56 / 57	.6	1.9	1.3	.6	.2		.3											33	33	38	24			
56 / 55	.4	1.5	1.7	.3	.7	1.4	.1											43	43	57	23			
54 / 53	.4	1.7	1.4	1.4	2.4	.6												56	56	42	38			
52 / 51		1.9	1.9	1.1	1.1	.6												53	53	35	13			
50 / 49		1.9	2.2	3.5	.3	.6												56	58	36	34			
48 / 47			2.4	2.1	1.8	.6												52	52	43	42			
46 / 45			3.3	1.5	1.5	.6												52	52	76	27			
44 / 43			1.3	1.9	1.1	.1												31	31	74	43			
42 / 41			1.4	2.1	1.5	.1												37	37	46	45			
40 / 39	.5	2.5	1.9	.3														40	40	37	62			
36 / 37		1.5	1.1	.7														24	24	48	48			
36 / 35	.1	2.1	2.8	.1														37	37	32	56			
34 / 33		2.1	2.6	.4														37	37	35	48			
32 / 31		.7	.5															11	11	40	51			
30 / 29		.3																2	2	20	49			
27 / 27		.3		.4														5	5	5	27			
26 / 25		.1																1	1	3	26			
24 / 23																				1	17			
22 / 21																				2	8			
20 / 19																					2			
16 / 15		.1																1	1					
14 / 13		.3																2	2	2				
12 / 11																				1				
10 / 9																					4			
8 / 7																					2			
TOTAL	1.6	32.5	28.5	19.6	11.0	4.0	1.5	.8	.1									720	720	720	720			
Element (X)	Σx²		Σx		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Num.	4040171		52927		73.514.422		720		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total			
Dry Bulb	1621746		35466		49.310.196		720				2.6		1.0								7			
Wet Bulb	1537671		32535		46.29.558		720						2.3		.4						7			
Dew Point	1274827		29285		43.710.789		720						21.6								7			

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03447 KANSAS CITY INTL MO  
STATION STATION NAME

74-81

YEARS

APR  
MONTH

PAGE 1 0620-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
72 / 71			.3	.1														3	3					
70 / 69			.3	.4	.1		.1	.3										9	9					
68 / 67			1.1	.3	.3		.1											15	15		3			
66 / 65		.4	1.1	1.3	.4	.3	.4	.1										29	29		3			
64 / 63		1.3	.4	2.1	.7	.6	.3											37	37		21			
62 / 61		1.9	.6	1.1	.7	.4	.3											36	36		19			
60 / 59		1.9	.7	.8	.3	.6	.1											35	36		34			
58 / 57	.4	1.4	.4	.7	.4	.4	.3											30	30		38			
56 / 55	.3	1.5	1.5	1.4	1.3	.7												48	48		34			
54 / 53	.1	1.3	1.7	1.7	.7	.8												39	39		38			
52 / 51		1.5	3.1	2.1	1.1	.6												60	60		42			
50 / 49		1.7	3.2	3.3	1.3	.3												70	70		32			
48 / 47		1.7	1.9	.6		.1												31	31		60			
46 / 45		3.2	1.3	2.5	.4													51	51		63			
44 / 43		1.7	3.3	1.4														50	50		74			
42 / 41	.1	1.5	1.3	1.3														36	36		32			
40 / 39	.3	1.9	2.5	.3														36	36		62			
38 / 37	.1	1.3	1.1	.3														18	18		42			
36 / 35		1.5	2.2	.1														28	28		28			
34 / 33	.3	1.9	2.1	.3														33	33		25			
32 / 31		1.3	1.0															14	14		35			
30 / 29		.3																2	2		20			
28 / 27			.1	.1														2	2		6			
26 / 25		.4	.1															4	4		2			
24 / 23																					3			
22 / 21																					1			
20 / 19																								
18 / 17																								
16 / 15		.1																1	1		1			
14 / 11		.3																	2		2			
10 / 9																								
8 / 7																								
6 / 5																								
Element (X)	Σ X <sup>2</sup>		Σ X		X	Σ X		X		No. Obs.		Mean No. of Hours with Temperature												
Rel. Num.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total				
Dry Bulb																								
Wet Bulb																								
Dew Point																								

## PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/AYAC

# PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO  
STATION STATION NAME

74-81

YEARS

APR  
MONTH

PAGE 1 0900-1100  
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
64 / 43											.1	.1						2	2			
61 / 40						.3												2	2			
75 / 77						.1	.1	.1	.1	.3								6	6			
76 / 75				.4	.4	1.7	.1	.3	.4	.1								21	21			
74 / 73				.7	.4	.4	.1	.6	.3									15	15			
72 / 71			.3	.4	1.7	.4	.7	1.1	.2	.3								40	40			
70 / 69			.7	.6	.7	.6	1.0	.3	.3									29	29	7		
66 / 67		.3	.7	.8	1.3	1.3	1.4	1.4	.4	.1								50	50	15	3	
66 / 65		.6	.6	.4	1.1	.7	1.4	.3	.1	.1								38	38	21	12	
64 / 62		.8	.4	.6	.4	.4	.6	.3	.4									28	28	22	16	
62 / 61		.4	.7	.8	.8	1.4	1.6	1.1										49	49	31	16	
61 / 59		1.9	1.1	.4	1.7	.7	2.2	.7										59	59	26	23	
61 / 57		1.7	1.3	.6	1.8	1.7	1.3	.3										46	48	59	40	
59 / 55	.2	1.3	.7	1.1		1.3	1.3											44	44	50	23	
54 / 53		1.5	.7	1.1	1.3	.6	.7											44	44	45	32	
52 / 51	.2	.1	.8	1.9	1.4	1.1												41	41	45	35	
50 / 49		.6	1.3	1.7	1.7	.6												42	42	51	33	
48 / 47		1.5	1.3	1.1	1.7	.1	.1											40	40	60	40	
48 / 45		1.3	1.1	1.1	.3	.1												28	28	65	42	
44 / 43		1.3	1.4	1.1	.6	.1												32	32	51	47	
42 / 41		1.4	.8	.1	.1													15	15	51	45	
40 / 39		.3	.4	.3														7	7	32	58	
38 / 37		.1	.5	.7	.1													13	13	20	38	
38 / 35		.4	1.1		.1													12	12	10	42	
34 / 33		.7	.3															7	7	14	52	
32 / 31				.1														1	1	15	42	
30 / 29				.1														1	1	2	30	
28 / 27		.1																1	1		20	
26 / 25		.1																1	1	2	9	
24 / 23		.4																3	3	4	7	
22 / 21																				1	5	
20 / 19		.1																1	1		4	
18 / 17																				1	1	
16 / 15																					3	
Element (X)	Σ X <sup>2</sup>		Σ X		X		X <sup>2</sup>		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.											± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

## PSYCHROMETRIC SUMMARY

03447	KANSAS CITY INTL MO
STATION	STATION NAME

74-81

YEARS

APR  
MONTH

PAGE 2

7900-1100

HOUS. S. T.

[illegible]

GLOBAL CLIMATE DATA  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

05947 KANSAS CITY INTL MO  
STATION STATION NAME

74-81  
YEARS

APR  
MONTH

PAGE 1 1200-1400  
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
86 / 86																		1	1						
86 / 87														.1	.3	.1		4	4						
86 / 85											.7	.1						4	4						
84 / 83									.5	.7	.1		.1					3	8						
82 / 81						.3	.5	.1		.1	.4	.1	.1					13	13						
80 / 79					.1	.3	.7		.4	.3	.1	.1	.1					20	20						
78 / 77					1.1	.1	.7	.7	.5	.4	.7	.4						30	30						
76 / 75				.4		1.1	.1	.5	1.0	.3	.4							33	33						
74 / 73			.1	.4	.1	1.3	.7	.5	1.1	.7	.1							37	37						
72 / 71				1.3	1.1	.5	1.1	.5	1.0	.4								46	46	10					
70 / 69				.5	1.1	.4	.5	.5	1.0	.7	.4							37	37	21					
68 / 67				.3	.4	.7	.7	1.3	1.1	.7	.6							38	38	16	11				
66 / 65		.1	.4	1.0	.2	.5	.5	1.4	1.3	1.0								53	53	31	15				
64 / 63		.7	.5	.4	.7	.7	1.3	1.9	1.3									59	59	36	9				
62 / 61		.7	.1	.4	.5	1.1	2.1	1.5	.2	.1								50	50	54	25				
60 / 59		1.1	.7	.1	.3	.7	1.3	.7	.1									39	39	46	34				
58 / 57		.7	.5	.1	.5	1.0	.5	.3										39	39	41	31				
56 / 55	.3	1.5	.4		1.1	1.3	.5											36	36	62	25				
54 / 53	.1	.5	.1	.4	.4	1.1	.1		.1									22	22	46	44				
52 / 51		.3	.5	.3	.7	.7	.8	.1										25	25	54	29				
50 / 49			1.3	1.1	.3	.6		.1										23	23	66	32				
48 / 47		.1	1.5	.9	.7	.3												25	25	57	25				
46 / 45		1.1	1.1	1.4														25	25	37	36				
44 / 43		.1	1.3	.6	.1													15	15	47	36				
42 / 41		.4	.3	.7														10	10	27	50				
40 / 39		.7	1.3	.4	.3													17	17	30	51				
38 / 37		.1	.3	.1	.1													5	5	12	54				
36 / 35																				13	44				
34 / 33																				4	45				
32 / 31			.1															1	1	3	52				
30 / 29			.1															1	1	1	26				
28 / 27		.1																1	1	2	16				
26 / 25		.3																2	2	1	9				
24 / 23		.1																1	1	3	5				
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma^2$		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F			Total						
Dry Bulb																									
Wet Bulb																									
Dew Point																									







## PSYCHROMETRIC SUMMARY

PAGE 2      1500-1700  
HOURS (L.S.T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

74-21

YEARS

AD.  
MONY

PAGE 2

1970-2000  
HOURS (EST.)

[illegible]

## PSYCHROMETRIC SUMMARY

07047	KANSAS CITY INTL MO
STATION	STATION NAME

74-51

YEARS

4 F.  
MONTH

PAGE: 1 210-2307  
HOURS: S. T.

[illegible]



## PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL MO
STATION	STATION NAME

74-61

YEARS

ΔΕΙ

MONTH

PAGE 1

441

HOURS (L. S. T.)

[illegible]







## PSYCHROMETRIC SUMMARY

UNCLAS	KANSAS CITY INTL
STATION	STATION NAME

74-51

YEARS

MAY

PAGE 1 0300-0500  
HOURS IS. S. T. I

[illegible]

## PSYCHROMETRIC SUMMARY

03447	KANSAS CITY INTL '0
STATION	STATION NAME

74-61

YEARS

MAY  
MONTH

PAGE 1 6600-0000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
70 / 77				.1	.1													2	2						
76 / 75			.1	.4	.4	.1												8	6						
74 / 73			.3	1.0	.3													16	16						
70 / 71		.4	1.2	1.6	.2													26	26	3	1				
70 / 69		.3	2.0	1.1	.3	.3												29	29	13	1				
65 / 67		1.7	3.2	1.1	.1	.1												47	47	35	12				
66 / 65	.1	3.6	2.2	1.3	.3	.1	.1											60	50	35	4				
64 / 63	.3	4.3	1.7	.9	1.2	.1												63	65	63	42				
62 / 61	.3	3.9	1.9	1.2	.7	.2												62	62	65	50				
62 / 59	.1	3.2	2.7	1.5	.7	.4												59	59	47	63				
56 / 57	.3	3.2	2.0	1.5	1.0	.1												66	66	62	45				
56 / 55	.7	2.4	.9	1.6	.7													49	49	62	51				
64 / 53	.4	3.4	2.9	1.7	.1	.1												64	64	57	45				
62 / 51	.4	2.4	3.9	1.1	.3	.1												65	65	54	57				
50 / 47		1.9	1.9	.7	.3													35	35	60	45				
40 / 47		1.7	.9	.7	.3													26	26	62	40				
40 / 45		1.2	.9	.7	.3													23	23	34	57				
44 / 43		1.2	1.5	.1														21	21	26	39				
42 / 41		.5	.7		.1													10	10	16	43				
40 / 39		.1	.3															3	3	23	24				
38 / 37		.1	.3	.1														4	4	7	13				
36 / 35			.3															2	2	4	16				
34 / 33			.1															1	1	3	19				
32 / 31																				2	17				
30 / 29		.1																1	1	1	3				
28 / 27																					5				
26 / 25																					3				
TOTAL	2.1	35.9	51.2	15.8	9.3	1.9	.1											744	744	744					
																		744		744					
Element (X)	Σx²		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum.	4321751		59219		79.612.067		744		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total				
Dry Bulb	2563345		43377		58.3 8.314		744						.1 16.0		3.3						93				
Wet Bulb	2283152		43756		54.8 8.241		744						.4 6.4								93				
Dew Point	2153468		33546		51.8 9.456		744						2.9 1.8								93				

## PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL MO
STATION	STATION NAME

74-51

YEARS

MAY

MONTH

PAGE 1 0900-1100  
HOURS U. S. T. 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
66 / 45							.1											1	1						
64 / 43						.1	.1											2	2						
62 / 41					.1	1.1	.4	.3										14	14						
60 / 39				.1	1.1	1.3	1.2	.3	.1	.1								22	32						
58 / 37			.7	.5	1.2	1.2	.4	.3			.1							31	31						
56 / 35			.1	1.2	2.	.4	.7	.3		.1								37	37						
54 / 33			.4	2.2	1.	1.3	.3	.7	.7			.1						53	53	12					
52 / 31		.3	2.	.9	1.4	.8	.6	.3	.1									55	55	25	7				
50 / 29		.4	1.5	1.7	1.7	1.2	1.1	.5	.1									62	62	43	12				
48 / 27		.7	1.7	1.1	1.7	1.6	.7	.7	.7									70	70	62	36				
46 / 25	1.3	1.2	2.7	1.5	1.1	1.2	.7	.3	.1									74	74	55	39				
44 / 23	2.2	.5	1.9	1.7	.9	.9	.1											59	59	69	66				
42 / 21	1.2	.7	1.6	1.6	1.2	.7	.4											55	55	60	59				
40 / 19	.3	1.1	1.5	1.5	1.9	.4	.3											55	55	66	55				
38 / 17	.7	1.2	.5	1.2	.5	.7	.7											35	35	61	44				
36 / 15	.3	1.6	.5	.3	1.5	.6	.3											39	39	62	52				
34 / 13	.1	.9	.4	.1	.6	.1	.1											20	20	71	57				
32 / 11		.3	.4	.7	.4													17	17	46	51				
30 / 9			.1	.4	.6													11	11	35	45				
28 / 7		.1	.3	.1	.4													7	7	20	42				
26 / 5		.5	.1	.1														6	6	21	27				
24 / 3		.4	.7		.1													6	6	14	32				
22 / 1			.3															2	2	9	33				
20 / 29																				9	26				
18 / 27																				2	24				
16 / 25																					5				
14 / 23																					5				
12 / 21																					2				
10 / 19																					1				
8 / 17																					5				
6 / 15																					5				
4 / 13																					2				
TOTAL	.7	12.5	13.5	19.4	20.5	17.6	10.0	4.7	1.5	.4	.1	.1						743	743	743					
																		743		743					
Element (X)	Σx²		Σx		X		σx		No. Obs.		Mean No. of Hours with Temperature														
Ref. Num.	3423589		49067		66.0		15.715		743		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb	3265734		48862		65.8		8.405		743						44.7		21.3		4.7				73		
Wet Bulb	2611429		43667		58.8		7.793		743						17.8		1.5						73		
Dew Point	2195535		39672		53.4		9.668		743				2.9		6.4								73		



GLOBAL CLIMATELOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

37047 KANSAS CITY INTL MO 74-81 MAY  
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
51 / 51											.1							1	1					
50 / 50								.1		.3								3	3					
49 / 50							.5	.5	.8	.4	.3							10	10					
48 / 50					.1	.1	1.0	1.0	.8		.1	.1						27	27					
47 / 50				.3	.9	.5	3.4	.9	.7	.3	.5	.7			.1			31	31					
46 / 50			.3	.9	2.6	1.7	1.1	1.2	.3	.7	.3	.3	.3					69	69					
45 / 50			.4	1.4	.9	1.1	1.0	.7	.9	.1								58	58					
44 / 50			.3	2.2	.7	.9	1.2	.8	1.3									55	55	11				
43 / 50			.4	.6	.7	.4	1.1	1.1	.7	.9	.1							47	47	20				
42 / 50			.9	1.3	.7	2.2	1.2	2.4	1.9	.8	.3							87	87	45	5			
41 / 50		.1	.5	.1	.8	.5	.3	2.2	.3	.4	.1							42	42	73	22			
40 / 50		.1	1.1	.9	1.6	.3	1.8	.9	.9	.4	.1							58	58	64	31			
39 / 50		2.2	.6	.7	.9	.9	1.2	.8	.5	.1								59	59	53	49			
38 / 50		.7	.4	.5	.9	.3	.9	1.3	.1									39	39	67	69			
37 / 50	.1	.1	.4	.4	.4	.5	.7	.3										22	22	69	69			
36 / 50		1.2	.4	.1	.1	.4	.1	.4	.4									24	24	54	35			
35 / 50		.3	.4		.3	.9		.1										18	18	72	43			
34 / 50		1.2	.1			.1	.7											16	16	74	59			
33 / 50		.9	.1			.1	.1											9	9	42	57			
32 / 50		.1	.1		.4	.5												9	9	26	35			
31 / 50		.3																2	2	30	38			
30 / 50		.5	.1															5	5	10	35			
29 / 50		.1	.1															2	2	13	43			
28 / 50																				9	46			
27 / 50																				5	22			
26 / 50																					20			
25 / 50																					22			
24 / 50																					16			
23 / 50																					11			
22 / 50																					9			
21 / 50																					7			
20 / 50																					7			
19 / 50																					1			
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

74-51

YEARS

MAY  
MONTH

PAGE 2 1500-17LC  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

74-21

YEARS

MAY  
MONTH

PAGE 1      1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
66/ 65							.4		.7									4	4						
64/ 63							.4	.9	.7									5	5						
62/ 61							.4	.9	.7		.1							20	20						
60/ 59				.1	.9	2.2	1.1	.3	.1	.3	.3		.1					39	39						
76/ 77				.7	1.1	1.9	.7	.3	.4		.1							78	56						
76/ 75				1.1	2.2	2.2	.9	.4	.6	.7								61	61						
74/ 73			.4	1.5	1.4	1.1	1.1	.1	.4	.1	.1							54	54	14					
72/ 71			.9	2.3	1.1	1.1	.9	1.2	.4									59	59	21	1				
70/ 69			1.5	.3	1.9	2.2	1.7	1.3	.3	.1								70	70	53	14				
68/ 67		.1	2.2	.4	1.3	1.2	1.2	1.1	.3									58	58	67	28				
66/ 65		2.2	.4	1.9	.6	.7	1.6	.1	.4									61	61	63	47				
64/ 63	.1	1.3	.7	1.8	.4	1.5	1.9	.5	.4	.1								69	69	55	64				
62/ 61		1.8	.4	.7	.4	2.3	.9	.9										56	56	63	69				
60/ 59		.7	2.3	.8	.3	.8	.8	.4	.1									44	44	65	47				
58/ 57		1.2	.9	.4	.3	.5	.3	.1										33	33	67	29				
56/ 55	.1	1.2	.3	.5	.9	.7	.3	.1										25	25	69	66				
54/ 53		.8	.7		.3	.5	.7											16	16	65	54				
52/ 51		.1		.3	.4	.7	.1											9	9	46	45				
50/ 49		.5		.3	.1	.4												10	10	26	41				
48/ 47		.5																4	4	21	29				
46/ 45		.1			.1													2	2	16	48				
44/ 43		.3	.1															3	3	11	32				
42/ 41				.1														1	1	11	37				
40/ 39																				2	20				
38/ 37																				1	16				
36/ 35																				1	15				
34/ 33																					10				
32/ 31																					7				
30/ 29																					2				
28/ 27																					6				
26/ 25																					7				
24/ 23																					1				
TOTAL	.3	10.9	10.1	13.6	16.5	17.6	14.6	8.4	4.3	.9	.7		.1					741	741	741	741				
Element (X)	Σx²			Σx			Σ	Σ²	No. Obs.				Mean No. of Hours with Temperature												
Rel. Hum.	3053463			45867			61.9	17.020	741				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	3424600			50010			67.5	8.173	741						51.2	27.7	5.6		97						
Wet Bulb	2647208			43957			59.3	7.575	741						19.5	1.8			97						
Dew Point	2160277			39291			53.5	10.194	741					2.9	5.4				97						

## PSYCHROMETRIC SUMMARY

03447	KANSAS CITY INTL
STATION	STATION NAME

74-82

YEARS

454

PAGE 1 2100-2300  
HOURS 11:55-1:01

[illegible]

## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

74-51

YEARS

PAGE 1

DAY  
MONTH

ALL

HOURS (L.S.T.)

[illegible]

## PSYCHROMETRIC SUMMAR

07047	KANSAS CITY INTL
STATION	STATION NAME

74-81

YEARS

MAY  
MONTH

PAGE 2

ALL

HOURS 1, 5, 7.

## PSYCHROMETRIC SUMMARY

JULY  
 MONTH

PAGE 1

7000-0000  
HOURS 11, 5, 11

[illegible]



## PSYCHROMETRIC SUMMARY

07547	KANSAS CITY INTL MO
STATION	STATION NAME

73-50

YEARS

JUN  
MONTH

PAGE 1 7633-0820  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

67547	KANSAS CITY INTL MO
STATION	STATION NAME

73-02

YEARS

July

PAGE 1      0900-1100  
HOURS 10:50-11:00

[illegible]



GLOBAL CLIMATOLOGY - A-10H  
USAFETAC  
AIR WEATHER SERVICE/FAO

# PSYCHROMETRIC SUMMARY

02947 KANSAS CITY INTL MO 73-50 JUN 1200-1400  
STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
12/101											.1							1	1				
10/ 99											.1							1	1				
08/ 97											.1							1	1				
06/ 95											.1	.4						10	10				
04/ 93								.1	1.3	.6	.4	.3						21	21				
02/ 91								1.3	.4	1.3	.3	.6						27	27				
01/ 89						.3	.7	1.3	1.6	.6	.6	.1	.1	.1				38	38				
00/ 87					.4	.7	2.4	1.4	1.4	.6	.6	.7	.1					56	56				
00/ 85					.3	2.5	2.2	.6	1.3	1.5	.1	.1						75	75				
04/ 83				.4	.6	1.7	1.3	2.4	2.2	1.4	.6	.4	.1					85	85				
04/ 81				.6	1.3	1.8	1.6	2.1	1.7	1.0	1.3	.4						82	82	2			
00/ 79				1.5	2.4	1.5	.6	1.5	1.4	1.5	1.1							83	83	10			
00/ 77		.1	.4	.8	1.5	1.1	.6	1.7	.4	1.0	.2							57	57	47	3		
00/ 75		.1	.8	.4	.6	.7	1.1	1.3	1.1	.7								51	51	77	10		
04/ 73		.4	.6	.8	1.3	.7	.7	.3	.4	.1								36	36	91	33		
00/ 71		1.4	.4	.4	.4	1.0	.7	.4	.6	.1								39	39	89	57		
00/ 69		.3	.1	.3	.4	.7	.1	.7										19	19	90	79		
00/ 67		.7	.6	.4		.3	.4	.1										18	18	80	97		
00/ 65		.7	.1	.1		.1												8	8	60	58		
04/ 63		.4		.6	.3	.1												10	10	53	39		
00/ 61					.1													1	1	54	57		
00/ 59			.1															1	1	38	47		
00/ 57																				10	55		
00/ 55																				16	46		
04/ 53																				3	30		
00/ 51																					28		
00/ 49																					26		
00/ 47																					18		
00/ 45																					26		
04/ 43																					0		
00/ 41																					4		
00/ 39																					3		
TOTAL		4.2	3.2	6.4	9.7	13.2	13.8	15.3	13.8	11.1	6.3	2.6	.4	.1				720	720	720	720		
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.	2287538		39822		54.2		15.496		720		0 F		32 F		67 F		73 F		80 F		93 F		
Dry Bulb	4756815		58313		81.0		7.047		720						87.5		78.2		55.4		4.3		
Wet Bulb	3436554		49564		68.6		5.852		720						59.5		28.4		.8				
Dew Point	2009132		44572		61.9		8.351		720						34.9		5.2						

GLOBAL CLIMATOLOGY ARCH  
USAFETAC  
AIR WEATHER SERVICE/AC

# PSYCHROMETRIC SUMMARY

03547 KANSAS CITY INTL MO  
STATION STATION NAME

73-80

YEARS

JUN  
MONTH

PAGE 1 1500-1700  
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
100/100															.7						2	2		
100/100															.1						1	1		
98/97																					2	2		
96/95										1.3	1.5	.6	.7								24	24		
94/92									.6	.6	.4	.4	.1								15	15		
92/91						.1	.6	.9	.7	.8	1.0	.4									32	32		
91/89						.3	1.3	2.2	2.1	.4	.7										48	48		
88/87					.1	1.0	1.4	1.3	1.4	1.1	1.1	.7	.1								66	66		
85/85						1.5	2.6	2.2	2.5	2.2	.8	.6	.1								91	91		
84/83				.1	1.3	1.8	2.4	1.3	1.7	1.3	1.1	.1	.4								62	62		
82/81			.1	.4	1.3	2.5	1.3	1.5	1.5	1.8	1.0	.1									95	85	3	
80/79			.1	1.1	1.3	.7	1.5	.9	1.1	.7	1.3	.3									62	62	7	
78/77				1.3	.7	.7	1.3	1.4	.6	1.3											47	47	55	4
76/75		.3	.6	.8	.7	.8	1.1	1.3	1.3	.4											50	50	70	7
74/73		.3	.1	.3	.7	.6	.6	1.4	.4	.3											33	33	116	31
72/71		.7	.7	.4	.7	.4	.2	.4													31	31	72	58
70/69		.3	.7	.3	.3			.7	.3												18	18	77	70
68/67		.7	.3	.3	.4	.1	.1														14	14	78	68
66/65	.3	.7	.3	.1	.8																14	14	71	69
64/63				.3	.1																3	3	64	51
62/61																							44	53
60/59																							39	53
58/57																							13	42
56/55																							11	53
54/53																								26
52/51																								26
50/49																								28
48/47																								21
46/45																								22
44/43																								7
42/41																								3
40/39																								3
TOTAL	.3	2.9	2.9	5.4	7.8	10.8	14.7	15.4	14.4	12.1	8.5	3.2	1.1		.4						720	720	720	
Element (X)	Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.	2136293		37643		52.3		15.297		720		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total	
Dry Bulb	4879664		59.50		82.7		7.149		720						87.9		30.0		60.3		5.5		90	
Wet Bulb	3460734		49743		69.1		5.708		720						59.8		31.4		.6				90	
Dew Point	2796158		44494		61.9		8.218		720						32.3		5.3						90	

GLOBAL CLIMATOLOGY PROJECT  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

07647

KANSAS CITY INTL FLD

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101														.1				1	1		
92/ 97												.1						1	1		
94/ 93									.1	.4	.4	.1						8	9		
92/ 91							.1	.4	.4	.3	.1							10	10		
92/ 89						.3	.1	.8	1.1	.4	.1							21	21		
92/ 87						.8	1.1	.7	.4	.4		.1						26	26		
92/ 85					.1	1.9	1.5	1.3	1.0	.6	.7	.1						55	55		
94/ 83			.3	1.1	1.9	1.4	1.4	1.5	.1	.3	.1	.1	.1					65	65		
92/ 81				1.3	2.2	2.5	1.9	.7	1.3	.1		.3						72	72		
92/ 79			.4	1.7	3.1	2.6	1.3	1.5	1.7	1.0	.4							98	93	3	
78/ 77			.3	1.7	1.7	.6	.7	1.3	1.4	.3	.1							57	57	26	
76/ 75			1.7	1.8	1.4	1.4	1.7	.7	.7	.1								63	63	61	10
74/ 73		.4	.4	1.9	1.1	1.3	1.8	1.9	.7									73	73	86	21
72/ 71		.7	1.3	1.0	.7	1.3	1.3	.7	.1									50	50	98	55
70/ 69		.4	.6	1.3	1.4	.8	1.1	.6	.1									43	43	69	65
68/ 67		.8	.8	.3	.6	1.3	.4	.1										31	31	74	93
66/ 65	.1	1.3		.8	.3	.6	.1											23	23	73	80
64/ 63		.6	.3	.1	.4	.3												12	12	72	50
62/ 61		.1	.3	.3	.3													7	7	59	43
62/ 59			.1					.1										2	2	49	41
58/ 57																				26	36
56/ 55		.3																2	2	20	60
54/ 53																				3	31
52/ 51																					33
50/ 49																					42
48/ 47																				1	15
46/ 45																					14
44/ 43																					6
42/ 41																					7
34/ 33																					1
TOTAL	.1	4.6	5.4	11.8	15.4	15.1	14.6	12.2	10.6	3.8	2.2	1.0	.1	.1				720	720	720	720
Element (X)	Σ X <sup>2</sup>		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature										Total
Rel. Hum.	2726704		42962		59.7		15.065		720		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	4377068		55914		77.7		7.054		720				84.3	69.8	39.4	1.3	9				
Wet Bulb	3312114		46654		67.6		5.899		720				52.1	22.0	.1		9				
Dew Point	2787127		44434		61.7		7.935		720				30.9	3.9			9				

## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-67

YEARS

JUN

**MONTN**

PAGE 1

2100-2300

HOURS (L, S, T, I)

[illegible]





## PSYCHROMETRIC SUMMARY

02947	KANSAS CITY INTL MO
STATION	STATION NAME

73-681

YEARS

JUL

MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL MO
STATION	STATION NAME

73-00

YEARS

JUL  
MONTH

PAGE 1

7300-0500  
HQ485 (L.S.T.)

[illegible]





## PSYCHROMETRIC SUMMARY

7547      KANSAS CITY INTL MO  
STATION      STATION NAME

73-51

YEARS

JUL  
MONTH

PAGE 1 0900-1100  
HOURS S. Y.

[illegible]

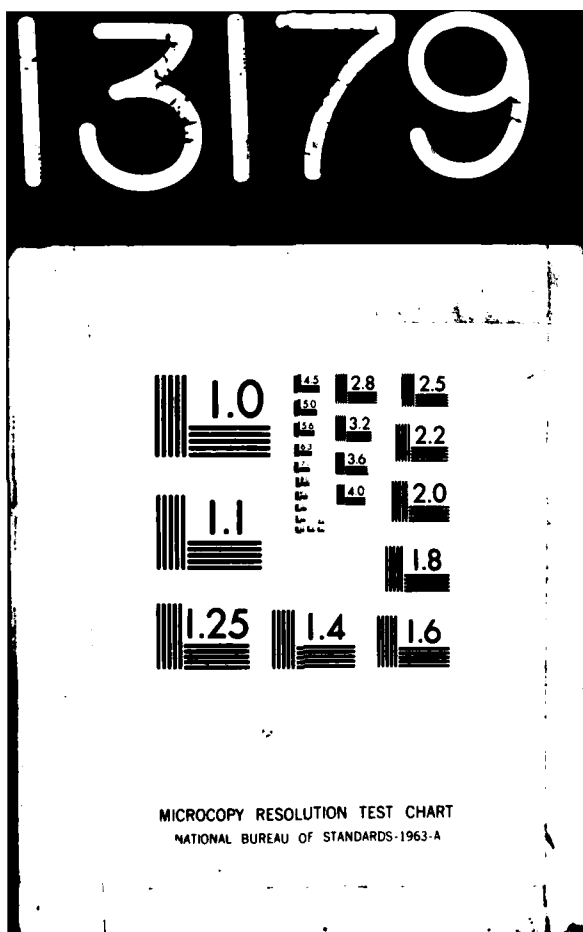
AD-A113 179 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
KANSAS CITY IAF, MISSOURI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC (U)  
DEC 81  
UNCLASSIFIED USAFETAC/DS-82/003 SBI-AD-F850 135 NI

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
KANSAS CITY IAP, MISSOURI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)  
DEC 81  
USAFETAC/D5-82/003 SBI-AD-FA50 135

**SBI-AD-E850 135**

NL

5 - 6  
2000  
[Redacted]



## PSYCHROMETRIC SUMMARY

YEARS.

PAGE 1

1200-1400  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

JUL  
MONTH

PAGE -

1200-1400  
HOURS L. S. T.

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO  
STATION STATION NAME

73-80

YEARS

JUL  
MONTH

PAGE 1 1980-1980

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
100/100																.4	1.1	11	11					
104/103													.3		.9	.5		13	13					
102/101											.1	.4	1.1	.3	.9	.3		24	24					
101/99										.1		1.2	.8	.9	1.3			33	33					
98/97									.1	.3	1.7	.3	1.1	1.2	.1			36	36					
96/95								.1	.5	1.7	.9	2.2	.9	.3				54	54					
94/93							.1	1.3	2.2	1.9	3.2	1.9	.5					84	84					
92/91						.1	1.2	1.7	2.0	2.8	1.2	.7	.5	.1	.1			79	79					
90/89					.7	1.1	1.7	2.4	1.3	.9	.7	.3	.4	.1				68	68					
98/87				.7	1.1	1.1	1.7	2.4	1.3	.4	.1	.7	.4	.4				69	69					
96/85			.1	.5	1.3	2.7	1.2	1.5	.5	.5	.7							66	66					
94/83				.7	.9	1.5	.9	2.0	.7	.3								66	66					
92/81				.5	1.1	.5	.5	.5	.3	.5	.1							31	31	12				
90/79				.7	1.1	.9	.9	.4	.8	.3								38	38	63	2			
88/77			.1	.3	.3	.3	.1	.4	.1	.3								15	15	165	13			
86/75		.1	.4	.8	.4	.5			.1									18	18	156	29			
84/73		.1	.4	.9	.1	.5												15	15	135	55			
82/71		.4	.3	.4														8	8	96	71			
80/69		.5	.3	.1														7	7	68	114			
78/67		.1																1	1	56	94			
76/65			.3	.1														3	3	33	75			
74/63	.1																	1	1	13	72			
72/61	.3																	2	2	9	60			
70/59																				2	60			
68/57																				1	31			
66/55																					22			
64/53																					13			
62/51																					5			
60/49																					7			
58/47																					6			
56/45																					6			
54/43																					2			
TOTAL	.4	1.3	2.0	5.0	5.0	3.9	7.7	13.2	12.0	10.2	9.4	7.5	6.0	4.4	3.1	1.2	1.1		744	744		744		
Element (X)	Σ X²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.	1956429		36266		48.7		16.019		744		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F			
Dry Bulb	5923605		66127		88.9		7.687		744						92.3		90.3		62.5		31.9			
Wet Bulb	4000692		54514		73.3		4.394		744						65.1		58.9		4.9					
Dew Point	3242581		48873		65.7		6.577		744						47.8		12.0							

GLOBAL CLIMATE/CLIMATE BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03047 KANSAS CITY INTL MO  
STATION STATION NAME

73-83

YEARS

JUL  
MONTH

PAGE 1

1600-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
10/10																	.3	.1	3	7		
12/10														.1	.3			5	5			
14/10												.1		.1	.5			8	8			
16/10										.1				.3	.5	.1		8	8			
18/10									.5	.9	.1	.2		.9	.1	.1		27	27			
20/10								.4	.1	.4	1.5	.7	.3					25	25			
22/10						.1	.5	.9	1.5	2.7	.8	.1	.1					51	51			
24/10						.4	.8	2.4	1.6	1.7	.8	.1	.1					58	58			
26/10						.7	2.2	2.8	1.6	.3	.5	.1	.1					68	68			
28/10				.1	1.1	3.0	2.8	2.4	1.1	.4	.3	.1	.1					89	89			
30/10			.3	1.3	1.1	2.2	1.7	1.9	.7	.4								78	78			
32/10			.3	1.3	1.1	2.2	1.7	1.9	.7	.4								73	73	6		
34/10		.1	.5	2.3	1.1	2.8	1.2	.7	.1	.1	.7							70	70	28	7	
36/10			1.2	.9	1.4	1.2	.4	.7	.4	.1								48	48	58	13	
38/10		.4	.7	.9	1.3	.9	.5	.3		.1								42	42	118	30	
40/10			1.5	2.2	.5	.5			.7									38	38	195	44	
42/10		1.1	1.1	.4	.7	.1	.1	.1										29	29	115	73	
44/10		.4	.7	.1	.7	.1	.1											13	13	104	102	
46/10	.7																	2	2	72	109	
48/10			.1	.5														3	3	35	107	
50/10		.4	.1			.1												5	5	28	77	
52/10				.1														1	1	12	63	
54/10																				7	41	
56/10																				4	32	
58/10																				1	20	
60/10																				1	5	
62/10																					4	
64/10																					5	
66/10																					6	
68/10																					1	
70/10																					744	
TOTAL	.5	2.4	6.3	17.5	11.0	13.8	12.4	14.4	2.0	9.2	4.4	2.3	2.3	1.7	.5	.3	.1	744	744	744	744	
																		744	744			
Element (X)	Σ X <sup>2</sup>		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature											Total		
Rel. Hum.	2647400		42796		57.5	15.810	744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb	5227289		62125		83.5	7.316	744				91.9	86.4	66.1	9.5	93							
Wet Bulb	3545126		53384		71.8	4.445	744				62.0	45.6	2.3		93							
Dew Point	3257581		49019		65.9	6.131	744				46.6	11.1			93							





## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-66

YEARS

JUL

MONTH

PAGE 1

ALL

HOURS (L, S, T.)

## PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL MO
STATION	STATION NAME

73-81

YEARS

JUL  
MONTH

PAGE 3

ALL

HOURS (L, S, T, I)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/AC

# PSYCHROMETRIC SUMMARY

02947 KANSAS CITY INTL MO 73-81 AUG 1960-1960  
STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

PAGE 1 0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
80 / 82												.4						3	3					
78 / 87									.1									1	1					
77 / 85								.1	.2									3	3					
74 / 83					.1		.1	1.1	.3									12	12					
72 / 81				.7	1.7	.7	.9	.4										33	33					
71 / 79	.1		.4	1.3	1.2	2.6	.7	.2	.1									64	64	1	1			
70 / 77		.4	1.2	1.5	1.2	1.2	.3											43	43					
70 / 75	.4	.5	2.3	1.3	1.6	1.1	.3	.3										58	58	21	4			
74 / 73	.1	.5	3.3	3.3	1.1	.3	.5											67	67	62	18			
72 / 71	.4	4.3	6.7	1.1	.4	1.7	.3											119	119	67	55			
70 / 69		4.3	4.4	.9	1.6	1.5												93	93	116	71			
68 / 67		3.5	3.8	1.2	1.3	.5	.1	.1										79	79	124	83			
68 / 65	.1	2.5	3.1	2.4	.7		.3											65	65	95	113			
64 / 63		2.7	1.2	.3	.1	.1												37	37	68	88			
62 / 61		2.3	2.4	.7	.4	.1												44	44	76	63			
60 / 59	.1	.4	.5		.3													10	10	64	67			
58 / 57		.3	.1	.1	.1													9	9	27	59			
56 / 55		.4		.1														4	4	23	52			
54 / 53																				6	32			
52 / 51																				4	16			
50 / 49																				1	5			
48 / 47																					5			
46 / 45																					3			
44 / 43																					4			
TOTAL	1.3	22.4	29.6	16.7	11.7	17.3	4.0	2.7	.2			.4						744	744	744	744			
Element (X)	Σ X²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								Total			
Rel. Hum.	4517410		57104		76.3		13.456		744		≥ 0 F		≥ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F			
Dry Bulb	3802793		52991		71.2		6.197		744				71.9		35.5		10.8				93			
Wet Bulb	3273124		49199		66.1		5.167		744				49.1		10.5						93			
Dew Point	2994245		46983		63.1		6.062		744				29.6		2.9						93			

## PSYCHROMETRIC SUMMARY

0347	KANSAS CITY INTL MO
STATION	STATION NAME

73-67

YEARS

AUG  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)



## PSYCHROMETRIC SUMMARY

**YEARS**

AUG  
MONTH

PAGE 1

0900-1100  
HOURS (L.S.T.)

**USAFETAC** FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

02947	OKLAHOMA CITY INTL
STATION	STATION NAME

73-67

YEARS

AC  
MONTH

PAGE 1 12-0-14-1  
HOURS 15.5.1



JOINT CHIEFS OF STAFF  
USAFETAC  
AFW WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION KANSAS CITY INTL MO  
STATION NAME

75-81

YEARS

AUG  
MONTH

PAGE 1

1500-1700

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
104/100															.1	.5		5		5				
100/96												.1	.3	.3	.1			6		6				
96/92										.1	.1	.3	.3	.3	.3			20		20				
92/88								.1		1.2	1.2	.8	1.1	.5	.7			44		44				
88/84								1.2	1.7	1.6	.6	1.1	.1	.3				62		62				
84/80						.1	1.7	2.3	1.1	1.9	2.0	.5	.5	.7				75		75				
80/76					.1	.4	1.3	2.4	1.2	1.1	.9	.9		.1	.7			70		70				
76/72				.1	.7	.9	2.4	4.0	2.5	.5	1.5	.5	.4	.4	.1			101		101				
72/68				.3	.4	2.6	2.4	1.8	.9	1.2	.5	.1						74		74				
68/64				.3	1.3	1.1	1.3	.5	1.2	1.3	.4	.1						66		66				
64/60			.1	.1	1.1	1.3	1.5	.7	.4	.4	.3	.1						45		45				
60/56		.1	.3	.7	.9	1.3	.5	.7	1.7		.1							49		49	79			
56/52			.3	1.5	1.3	1.9	.3	.7	.1	.1	.3							49		49	79			
52/48		.1	.7	.8	.7	.1	.7	.3										25		25	123			
48/44		.3	.4	.7		.5	.3											15		15	132			
44/40			.4	.7		.1												9		9	96			
40/36	.1	.7	1.9	.5	.1													22		22	76			
36/32	.1		.3															3		3	62			
32/28		.1	.1															2		2	46			
28/24			.3	.1														3		3	36			
24/20			.3															2		2	12			
20/16																					1			
16/12		.5																4		4	5			
12/8		.3																2		2	6			
8/4																								
4/0																								
TOTAL	.5	2.2	4.8	6.3	6.9	10.3	12.8	14.2	11.2	9.7	8.9	5.2	3.2	2.2	1.2	.5		744	744	744	744			
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.	2290800		39362		52.8		16.253		744		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F			
Dry Bulb	5466452		63512		85.4		7.757		744						91.4		87.1		73.3		15.9			
Wet Bulb	3559072		53458		71.9		4.922		744						79.5		47.8		3.7					
Dew Point	2179655		48362		65.3		6.967		744						45.6		10.8		.1					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY DIVISION  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO  
STATION STATION NAME

70-87

YEARS

AC MONTH

PAGE 1

1870-2000

HOURS (U.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
102/101															.1							1	1				
98/97															.1	.1						2	2				
94/93															.1	.3						5	5				
90/89															.1	.4	.1	.3				11	11				
86/85															.1	.3	.4	.3	.1			13	13				
82/81															.1	.4	.7	.3	.1			32	32				
78/77															.1	.6	.1	.1				51	51				
74/73				.1											.1	.7	.7	.1	.1	.1		72	72				
70/69				.9											.1	.9	.7	.1				76	76				
66/65			.1	.3	1.1	3.3	3.3	1.3	1.1	.4					.3		.1				82	82	2				
62/61			.1	.3	1.9	2.9	2.9	1.1	1.2	.9	.3	.1			.3						83	83	13	3			
58/57			.3	1.3	1.9	2.4	1.2	.3	1.2	.4	.3	.3									75	75	35	5			
54/53			.3	1.6	2.4	1.3	.9	1.3	.3	.1	.1										63	63	56	20			
50/49			.4	1.9	1.6	1.3	.3	.5	.1	.3											49	49	173	36			
46/45			1.1	1.6	1.5	.3	.7	.1	.3												45	45	99	50			
42/41			.3	2.3	1.2	.4	.3	.1													36	36	114	110			
38/37	.1	.4	.3	.5	.3	.1															19	19	87	101			
34/33		.3	.4	.1			.1														11	11	72	88			
30/29		.3	.1	.1																	4	4	47	70			
26/25		.4																			3	3	23	42			
22/21																								18	56		
18/17		.4																			3	3	9	43			
14/13		.4																			3	3	2	37			
10/9																								4	21		
6/5																									7		
2/1																									7		
0/0																									6		
48/47																									6		
46/45																									6		
44/43																									6		
42/41																									1		
TOTAL	.1	6.0	11.2	13.3	14.0	14.2	12.4	11.6	6.3	3.8	3.4	1.3	.7	.5	.3							744	744	744			
Element (X)	Σ X <sup>2</sup>				Σ X				X				σ <sub>x</sub>				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.	3110267				46659				62.7				16.109				744				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4754182				59242				79.6				7.043				744						95.0	77.5	48.8	2.4	93
Wet Bulb	3662642				52273				70.0				4.907				744						71.1	33.6	1.1		93
Dew Point	3163391				46257				64.9				6.701				744						44.4	6.0	.3		93

## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-20

YEARS

AUG

MONTH

PAGE 1

2100-2300

HOURS 1 2 3 4 5 6 7 8 9 10 11 12

[illegible]

07947	KANSAS CITY INTL
STATION	STATION NAME

73-62

AU =

**MONTH**

PAGE 1

411

HOURS 12.5 T.

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-117

YEARS

445

MONTH

PAGE 2

ALL

ALL  
HOURS 1 5 10

[illegible]

## PSYCHROMETRIC SUMMARY

٤٤٧

MONTH

2050-0200

HOURS in S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

07947                      KANSAS CITY INTL MO  
STATION                      STATION NAME

73-62

YEARS

SE 2

MONTH

PAGE 1

2500-0540

HOURS 1. S. 9.1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
76 / 77				.1		.3												3	3					
75 / 77				.6		.3	.7											10	10					
76 / 75			1.1		1.	.1												19	19					
74 / 72		.6	1.3	1.3														24	24	3				
72 / 71		1.5	2.5	.6				.1										34	34	20	5			
70 / 69	.4	2.5	4.2	1.1	.4		.7											66	66	41	3			
68 / 67	.1	3.7	3.			.3	.1	.3										59	59	66	47			
66 / 65	.4	3.5	1.1		.7	.1	.3											50	50	66	61			
64 / 63	.6	4.3	1.3	1.	.7	.7												56	56	58	65			
62 / 61	.2	3.9	1.5	.7	.6	.1												51	51	44	54			
60 / 59	.6	2.1	1.7	2.1	.7	.1												49	49	43	45			
58 / 57		3.9	3.2	.3	.1	.4												57	57	55	30			
56 / 55		3.7	2.6	.1														52	52	46	49			
54 / 53		3.9	1.1	1.2														43	43	67	45			
52 / 51		1.1	1.1	.3	.1	.1												24	24	44	61			
50 / 47		1.7	2.8	.7	.1													37	37	23	47			
48 / 47	.1	2.9	1.7	.4		.1												38	38	39	31			
46 / 45		1.3	.6	.1	.1													19	19	50	32			
44 / 43		1.6	.4		.1													17	17	52	34			
42 / 41		.9	.1	.4														10	10	19	38			
40 / 39		.1																1	1	6	27			
38 / 37		.1																1	1	5	10			
36 / 35																				3	7			
34 / 33																					1			
32 / 31																					1			
30 / 29																					4			
28 / 27																					2			
26 / 25																					1			
TOTAL	5.5	44.0	31.9	12.1	5.7	2.4	1.0	.4										720	720	720	720			

## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-05

YEARS

SF. 2

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MONTH

PAGE 1 0600-0800  
HOURS 06-08-71

[illegible]

**USAFETAC** FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



1  
SIGNAL CLIMATELOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/TAC

# PSYCHROMETRIC SUMMARY

7547 KANSAS CITY INTL MO  
STATION STATION NAME

75-88

YEARS

SEP

MONTH

PAGE 1

1970-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
92 / 91								.1										1	1			
92 / 89								.2	.1	.1								6	6			
88 / 87							.4	.6	.1	.1								9	9			
86 / 85						1.3	.2	.4	.1				.1					16	16			
84 / 83					.1	1.0	.4	.2	.1		.2							16	16			
82 / 81				.4	1.0	1.7	.4	.3	.1									29	29			
80 / 79			.3	1.4	1.7	.7	.7	.4	.2	.1								42	42			
78 / 77			.4	1.4	1.7	1.0	.4	.3	.2	.3	.1							34	34	4		
76 / 75			1.1	1.3	1.7	1.7	.6	.2	.3	.3								47	47	28	1	
74 / 73		.1	1.1	2.2	.7	1.1	.2	.7	.1	.4								52	52	46	6	
72 / 71		1.1	2.4	.8	1.7	1.6	1.7	1.3	.3									67	67	50	34	
70 / 69		1.3	1.1	.8	1.1	.8	1.3	.3	.1	.1								48	48	52	55	
68 / 67		1.4	1.7	.7	2.1	1.0	.6	1.7										55	55	56	63	
66 / 65		2.6	1.3	1.1	1.7	.7	1.3	.4										64	64	47	53	
64 / 63		2.1	1.6	1.3	1.7	1.3	1.7	.1										59	59	58	41	
62 / 61	.1	.3	1.4	1.4	.4	1.1												38	38	60	52	
60 / 59		1.3	1.7	1.5	1.4	.8												47	47	64	33	
58 / 57		1.7	1.7	.6	1.7	.3												32	32	69	48	
56 / 55		1.4	.7	.7	.4	.3												25	25	48	57	
54 / 53		.1	.3	.8			.1											10	10	55	57	
52 / 51		.7	1.3	.1		.1												14	14	34	35	
50 / 49	.1	.4	.1															5	5	26	41	
48 / 47		.1			.1													2	2	16	34	
46 / 45																				4	28	
44 / 43																				1	36	
42 / 41																				1	26	
40 / 39																				1	15	
38 / 37																					7	
36 / 35																					7	
TOTAL	.3	15.4	15.7	15.8	17.4	15.8	9.7	6.7	2.1	1.3	.4		.1					720	720		720	
																		720		720		
Element (X)	Σ X'		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.	3512146		48926		68.0		16.146		720		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F	
Dry Bulb	3497538		49773		69.1		9.879		720				52.0		31.8		12.9				76	
Wet Bulb	2819530		44714		62.1		7.703		720				29.5		9.8						90	
Dew Point	2430720		41294		57.4		9.316		720				.4		19.9		.9				9	

## PSYCHROMETRIC SUMMARY

17947	KANSAS CITY INTL MO
STATION	STATION NAME

73-50

YEARS

SEP  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL MO
STATION	STATION NAME

2-5-

SEP  
MONTH

PAGE 2

1200-1400  
HOURS

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

## PSYCHROMETRIC SUMMARY

YEARS

SEP  
MONTH  
1960-1740  
HOURS U. S. T. I

[illegible]

## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-67

YEARS

555  
MONTH

PAGE 1 1870-2700  
HOURS L. S. T. 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
92 / 91								.1		.1								0	0					
91 / 90							.1	.4	.1	.3	.1	.1						9	9					
90 / 89						.1	.3	.3	.1	.4					.1			11	11					
89 / 88						.3	.2	.6	.1		.2	.1						12	12					
88 / 87					1.1	.7	1.3	.4	.1	.1								27	27					
87 / 86			.1	.1	1.1	1.1	.6	.6	.6	.1	.1		.1					36	36					
86 / 85			.1	1.4	1.7	1.3	.4	.4	.2	.3	.1							44	44					
85 / 84			.6	.7	1.1	.6	.4	.7	.6	.1	.1							40	40		5			
84 / 83		.4	.7	1.3	.4	1.1	.4	.4	.1	.4	.1							46	46	34	1			
83 / 82		.5	1.5	1.4	.4	1.4	.7	1.1	.1									52	52	47	18			
82 / 81		.6	1.1	1.4	1.3	.4	.6	.7	.3	.3								61	61	56	23			
81 / 80		.3	1.4	1.5	1.1	1.2	.4	.6	.1									43	43	43	41			
80 / 79		1.2	1.4	.7	1.3	.8	.3	.6	.2									45	45	50	61			
79 / 78		.6	.6	2.2	1.4	1.4	.7	.7										54	54	55	43			
78 / 77	.1	1.7	1.8	.7	1.4	.4	.3	.6										58	58	56	43			
77 / 76		1.1	1.3	.6	.7	1.7	.6	.2										45	45	60	46			
76 / 75	.1	1.5	.4	.3	1.7	1.2	.2											39	39	66	67			
75 / 74	.3	.8	.6	1.4	1.1	.6	.1											36	36	56	41			
74 / 73		.4	1.2	.5	.7	.1												20	20	36	32			
73 / 72		.6	1.3	.8		.1	.1											21	21	44	32			
72 / 71		1.4	.7	.1	.4													18	18	54	45			
71 / 70		.1	.1	.1	.1													4	4	32	47			
70 / 69																				18	37			
69 / 68																				5	36			
68 / 67																				3	24			
67 / 66																				1	27			
66 / 65																					22			
65 / 64																					4			
64 / 63																					9			
63 / 62																					1			
62 / 61																					5			
TOTAL		11.3	15.6	16.4	16.9	14.9	8.9	8.9	2.9	2.2	1.2	.3	.1		.1			720	720	720	720			
Element (X)	Σx <sup>2</sup>		Σx		Σ		Σ <sub>n</sub>		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	3293243		47267		65.6		16.599		720		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	3543778		50067		69.5		9.340		720						54.1		34.9		15.3				9.	
Wet Bulb	2803699		44559		61.9		8.003		720						26.8		9.5						9.	
Dew Point	2375755		40755		56.6		9.786		720				.4		15.1		2.1						9.	

## PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL MO
STATION	STATION NAME

73-2

**YEARS**

547

MONTH

PAGE 1

24-0-4300

MOJAS L. S. T.

[illegible]

SENIOR CLIMATELOGICIAN  
USAFETAC  
AIR WEATHER SERVICE/AL

# PSYCHROMETRIC SUMMARY

03547 KANSAS CITY INTL 73-5 SFP  
STATION STATION NAME YEARS MONTH

PAGE 1 ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
66 / 97										.1	.0	.1	.0					5	5					
66 / 95										.1	.0	.1	.0					13	13					
64 / 93									.0	.0	.1	.0	.0					24	24					
62 / 91								.0	.0	.1	.1	.1	.1			.0		46	46					
60 / 89								.0	.0	.1	.1	.1	.1			.0		56	56					
58 / 87						.1	.0	.0	.0	.1	.0	.2	.0	.1	.0			85	85					
56 / 85					.1	.0	.0	.0	.0	.0	.2	.1	.1					117	117					
54 / 83				.1	.0	.0	.0	.0	.0	.0	.3	.1	.0					143	143					
52 / 81			.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0					180	180					
50 / 79			.1	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0					228	228		0			
48 / 77		.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.1	.0					240	240	59	1			
46 / 75		.1	1.3	1.3	1.0	.0	.0	.0	.0	.1	.1	.0						316	718	152	5			
44 / 73		.5	1.3	1.0	.0	.0	.0	.0	.0	.1	.0							323	723	232	63			
42 / 71		1.0	2.0	1.1	.0	.0	.0	.0	.0	.2	.0							405	405	345	174			
40 / 69	.1	1.3	2.0	.0	.0	.0	.0	.0	.0	.1								432	432	398	336			
38 / 67	.1	1.3	2.1	.0	.0	.0	.0	.0	.0	.0								431	431	447	416			
36 / 65	.2	1.0	1.1	1.3	.0	.0	.0	.0	.0	.0								396	796	426	423			
34 / 63	.0	2.3	1.4	.0	.0	.0	.0	.1										390	390	462	397			
32 / 61	.2	2.3	1.3	1.0	.0	.0	.0	.0	.0									347	747	407	382			
30 / 59	.2	1.3	1.4	1.1	.0	.0	.0	.1	.1									300	700	471	368			
28 / 57	.1	2.3	1.0	.0	.0	.0	.0	.1	.1									310	710	444	351			
26 / 55	.0	1.0	1.3	.0	.0	.1	.0											246	246	442	400			
24 / 53	.0	1.7	1.0	.0	.0	.1	.1											222	222	366	333			
22 / 51	.0	.0	1.0	.0	.1	.0	.0											153	153	315	379			
20 / 49	.0	1.0	1.0	.0	.1													145	145	213	361			
18 / 47	.0	.0	.0	.1	.1	.0												98	98	213	262			
16 / 45	.0	.0	.1	.1	.1													53	53	154	261			
14 / 43	.0	.0	.1	.0	.0													36	36	87	267			
12 / 41	.0	.0	.0	.1														21	21	42	232			
10 / 39	.1	.0																7	7	21	167			
8 / 37		.0																1	1	13	70			
6 / 35																				5	3			
4 / 33																					14			
2 / 31																					11			
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F			Total			
Dry Bulb																								
Wet Bulb																								
Dew Point																								



## PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL
STATION	STATION NAME

73-57

YEARS

25.

MONTH

PAGE 7

ALL

MOORS L. S. T.



## PSYCHROMETRIC SUMMARY

03047	KANSAS CITY INTL MO
STATION	STATION NAME

7-8

YEARS

LCT

MONTH

2467

0300-0500

MOJAS S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-47

YEARS

CCY

MONTH

PAGE 1

0000-3500  
HOURS: 8-11

[illegible]





## PSYCHROMETRIC SUMMARY

YEARS

UNIT  
MONTH

PAGE 2      1400-1400  
HOURS 14.5.7

## PSYCHROMETRIC SUMMARY

1500-1700  
HOURS: 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
32 / 61														.3	.4			5	5					
31 / 60														.1	.1			2	2					
30 / 59										.1	.3			.4	.1			7	7					
29 / 58							.1		.1	.7		.1	.3	.1				8	8					
28 / 57						.1	.1	.5	.7	.1	.1	.7	.4					15	15					
27 / 56						.1		.3	.9	.5	.5	.7	.1					20	20					
26 / 55					.7	.7	.1	.1	.6	.3	.5		.3					17	17					
25 / 54				.1	.7	.1	.3	.7	.8	.5	.1							27	27					
24 / 53			.1	.1	.7	.4	.4	1.0	1.0	.7	.4	.3						44	44					
23 / 52			.7	1.5	1.6	1.3	.9	.9	.9	.5	.4							55	55	4				
22 / 51			.4	1.1	.4	1.2	.4	.9	.7		.4							41	41	4	1			
21 / 50			.3	.5	.7	.9	.3	.7	1.2	.7	.4							44	44	19	4			
20 / 49		.1	.4	.5	1.2	.9	.3	1.3	1.3	1.0		.4						54	54	15	5			
19 / 48		.3	.5	.9	.1	.1	1.2	1.6	1.2	.7								53	53	20	14			
18 / 47		.5	.7	.1	.4	.1	1.2	.9	1.6	.1								41	41	58	8			
17 / 46		1.5	.4	.3	.5	.3	1.0	1.6	.9	.7								56	56	74	17			
16 / 45		.5	.7	.3	.4	1.7	1.2	1.5										44	44	78	36			
15 / 44	.1	1.2	.1	.3	.5	1.6	2.3	.9	.1									53	53	30	36			
14 / 43	.4	.5	.8	.1	.4	1.0	1.3	.4										40	40	45	39			
13 / 42		1.2	.3	.6	.9	1.1	.3											34	34	64	31			
12 / 41		.3	.1	.3	.7	.4	.4											16	16	60	55			
11 / 40		.1		.7	.7													8	8	55	31			
10 / 39		.3	.1	.7	.9	.6												18	18	59	25			
9 / 38		.4	.4		.7	.4												14	14	64	29			
8 / 37		.5	.1	.4	.3													10	10	29	36			
7 / 36		.1	.4	.1														5	5	21	41			
6 / 35		1.2	.1															10	10	17	50			
5 / 34																				20	63			
4 / 33	.3	.1																3	3	8	55			
3 / 32																					57			
2 / 31																					39			
1 / 30																					26			
0 / 29																					16			
0 / 28																					16			
Element (X)	Σ x <sup>2</sup>		Σ x		x̄		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								



## PSYCHROMETRIC SUMMARY

00947	KANSAS CITY INTL MO
STATION	STATION NAME

73-3"

YEARS

OCT

**MONTM**

PAGE 2

1500-1700

HOURS S. T. 1

[illegible]



## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-02

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STATION

STATION NAME

YEARS

MONTH

PAGE 2

1600-2500

HOURS S. T.

## PSYCHROMETRIC SUMMARY

1747  
STATION

KANSAS CITY INTL MO  
STATION NAME

٧- ز

**YEARS**

PAGE 1

2100-2300  
HOURS 5.5.11





JOINT CLIMATE DIVISION  
USAFETAC  
AIR WEATHER SERVICE/TAC

# PSYCHROMETRIC SUMMARY

07947 KANSAS CITY INTL MO

73-01

YEARS

NOV  
MONTH

PAGE 1

0800-0200  
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
66 / 65																		5	5		
64 / 63																		5	8		
62 / 61																		11	11		
60 / 59	.1	1.3	.7	.3		.4	.7											26	26	11	3
58 / 57	.4	.7	.7	.1	.1	.4	.1											16	16	16	11
56 / 55	.7	1.7	.4	.3	.7	.1	.1											23	23	22	19
54 / 53	.6	1.0		.4	.4	.4	.4											23	24	21	17
52 / 51		1.3	.6	.4	.4	.1												20	20	14	22
50 / 49	.7	1.3	.7	.6	.3	.1												23	23	16	23
48 / 47		1.3	.1	1.4	.4	.1												22	22	27	14
46 / 45	.1	1.3	1.3	1.3	1.7	.1												43	43	21	13
44 / 43		1.3	2.1	3.2	.4	.1												62	62	24	12
42 / 41		2.5	.7	2.1	.7													45	45	39	27
40 / 39		4.0	2.2	1.7	.6													61	61	54	14
38 / 37	.1	1.4	1.3	2.1														39	39	75	45
36 / 35	.1	1.4	2.3	.8														37	37	39	41
34 / 33		2.3	1.5	1.5														42	42	31	33
32 / 31	.1	3.3	2.5	.7														55	55	55	55
30 / 29	.3	3.0	1.5	.1														42	42	46	52
28 / 27		3.8	1.1	.3														37	37	57	51
26 / 25	.1	2.6	.4															23	23	44	44
24 / 23		1.4	.3															12	12	27	21
22 / 21	.1	1.1	.4															12	12	13	66
20 / 19	.1	.7																6	6	11	38
18 / 17		.4	.1															4	4	5	37
16 / 15	.1	.6																5	5	7	25
14 / 13																				2	4
12 / 11		.4																3	3	1	12
10 / 9		.7																5	5	4	4
8 / 7		.6																4	4	4	
6 / 5		.1																1	1	4	5
4 / 3																					2
2 / 1																					1
0 / -1																					5
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					









GLOBAL CLIMATE SYSTEM  
USAFETAC  
AIR WEATHER SERVICE/AL

# PSYCHROMETRIC SUMMARY

STATION 07447 KANSAS CITY INTL MO STATION NAME YEARS MONTH NOV

PAGE 1 0600-0900  
HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
66 / 61				.7														2	2		
64 / 59		.3	.4	.1														6	6		
62 / 57		.4	.7	.5	.1													19	19	4	1
60 / 55	.1	1.4																12	12	11	7
58 / 53	.1	.4	.4	.7	.1													10	10	16	11
56 / 51	.3	1.7	.1	.1	.1	.4												20	20	14	10
54 / 49	.1	1.3	.7	.6	.4													22	22	19	16
52 / 47	.1	1.4	.4	.3	.3													16	18	15	17
50 / 46	.1	.4		1.1	1.1	.3												21	21	18	15
48 / 43	1.1	1.4	.6	.6														27	27	15	13
46 / 41		1.9	1.1	1.1	.7													31	31	22	18
44 / 39	.1	1.5	2.4	1.7														41	41	33	18
42 / 37		1.3	1.9	1.7														35	35	43	15
40 / 35	.4	2.6	2.6	1.1														49	49	73	26
38 / 33	.1	4.3	2.6	1.3														64	64	43	30
36 / 31	.1	3.2	1.3	.4		.1												37	37	56	40
34 / 29	.1	2.1	1.1	.6														28	28	55	42
32 / 27	.6	5.1	3.2	.6														68	68	39	60
30 / 25	.4	3.1	3.1	.1														43	43	56	46
28 / 23	.3	4.7	1.5	.1														43	43	49	44
26 / 21	.3	3.6	1.1															35	35	52	55
24 / 19	.3	2.1	.6															21	21	41	20
22 / 17		1.5	.3															13	13	22	39
20 / 15	.1	3.1																23	23	15	52
18 / 13	.4	.4																6	6	22	36
16 / 11		.3																2	2	1	31
14 / 9	.4	.4																6	6	5	14
12 / 7		.6																4	4	4	17
10 / 5	.1																	1	1	4	9
8 / 3		.3																2	2	1	1
6 / 1	.4																			1	4
4 / -1	.3	.1																3	3	3	2
2 / -3	.3																	3	3	3	6
0 / -5																					1
Element (X)	Σ X <sup>2</sup>		Σ X		Σ	Σ <sub>n</sub>	No. Obs.		Mean No. of Hours with Temperature											Total	
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

72-33

YEARS

NOV  
MONTH

PAGE 2      0600-0800  
HOURS L. S. T.

[illegible]



## PSYCHROMETRIC SUMMARY

03947	WASAS CITY INTL
STATION	STATION NAME

73-57

**YEARS**

NCV  
MONTH

PAGE 2

1900-1100  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL
STATION	STATION NAME

75-61

YEARS

NOV  
MONTH

PAGE 2

1200-1400  
HOURS (L. S. T.)



## PSYCHROMETRIC SUMMARY

02947	KANSAS CITY INTL MO
STATION	STATION NAME

73-27

YEARS

1000

PAGE 1

100-170  
NOV 15 1957

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
72 / 61									.1	.1		.7						4	4																
72 / 70									.3									2	2																
70 / 77								.1	.1		.7		.1					5	5																
70 / 75								.1	.1		.7	.7						6	6																
74 / 73								.1	.1		.1							3	3																
70 / 71						.6	.1	.1	.1		.3	.1						6	6																
70 / 69				.3	.1	.3	.7	.1	.1	.7								11	11																
68 / 67			.1	.5	.5	.1		.4	.6									11	11																
68 / 65			.7	1.1	.4	1.7	.4	.4	.3	.4								37	27	1															
64 / 63			.6	.3	.1	.6	.4	.1	1.7									24	24	3															
62 / 61		.7	.1	.4	.4	.4	.5	1.1	.1									25	25	20	1														
60 / 59		.1	.4	.5	.5	.7	.6	1.7										28	28	24	1														
58 / 57		1.1	.4	.1	.7	1.4	.7	1.1										37	37	30	16														
56 / 55		.1	.4		1.4	.4	1.1	.7	.3									29	29	32	10														
54 / 53		.4		.7	1.4	1.7	.8	.2										40	40	25	18														
52 / 51		.7	1.4	.3	1.3	1.6	1.6	.7										46	43	29	15														
50 / 49	.4	.6	.7	.6	1.7	1.6	.7	.4										42	42	28	18														
48 / 47	.1	.7	.4	1.1	1.7	1.7	.3											41	41	36	31														
46 / 45		.7	.4	.5	1.6	1.3	.1											38	38	31	14														
44 / 43		1.3	.6	.6	.4	1.7												30	30	53	41														
42 / 41		.3	1.3	1.1	1.7	.3												33	33	55	26														
40 / 39		.9	.8	.9	2.2													34	34	38	20														
38 / 37	.7	1.4	1.5	1.7	1.1													43	43	46	40														
36 / 35	.1	1.4	1.2	.7	.4													26	26	45	47														
34 / 33		.9	.6	.3	.4													22	22	53	37														
32 / 31		1.3	1.4	1.3	.3													30	30	34	57														
30 / 29	.1	.6	.3	.4	.1													13	13	25	46														
28 / 27		.4	.3	.4														8	8	23	44														
26 / 25		1.0	.7	.4														15	15	17	34														
24 / 23		.3	.7															4	4	15	20														
22 / 21		.1	.4															4	4	6	37														
20 / 19			.1																																

## PSYCHROMETRIC SUMMARY

07947	NR SAS CITY INTL
STATION	STATION NAME

73-00

YEARS

404

MONTH

2257

1500-1700

HOURS : 5. 5. 7.

[illegible]

## PSYCHROMETRIC SUMMARY

02947	KANSAS CITY INTL MO
STATION	STATION NAME

73-57

YEARS

P. C. V.  
MONTH

PAGE 1 1800-2000  
HOURS S. S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

72-2

YEARS

250

MONTH

PAGE 2

1824-2843

HOURS 11.5. T.

[illegible]



## PSYCHROMETRIC SUMMARY

07947	KANSAS CITY INTL MO
STATION	STATION NAME

— — —

YEARS

408

MONTH

PAGE 2

2100-2300

HOURS (M., S., T.)

[illegible]



## PSYCHROMETRIC SUMMARY

0347	KANSAS CITY INTL MO
STATION	STATION NAME

73-50

**YEARS**

VCV

MONTH

PAGE 2

414

HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-42

**YEARS**

250

MONTH

PAGE 1

767J-0240

HOURS: 5-7

[illegible]

## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

75-57

YEARS

DEC  
MONTH

50

0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
-4/-5																																					
-6/-7		.1																1	1	1																	
-8/-9	.2																	2	2	2																	
-10/-11																																					
-12/-13																																					
-14/-15																																					
-16/-17																																					
-18/-19																																					
-20/-21																																					
TOTAL	7.6	55.6	26.9	9.8	3.4	1.6											744	744	744	744																	

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAL

# PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO  
STATION STATION NAME

73-81

YEARS

DEC

MONTH

PAGE 1

0300-0500

HOURS (L, S, T, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
64 / 63				.1														1	1					
62 / 61				.4														3	3					
60 / 59			.2															4	4					
58 / 57			.4															3	3	1				
56 / 55		.1																1	1	7	1			
54 / 53			.1															1	1	4	4			
52 / 51		.1	.7															6	6		7			
50 / 49		.1		.1	.2													4	4	3				
48 / 47		.3		.5	.4													9	9	5	2			
46 / 45	.1	.7	.5	.4	.7	.3												17	17	5	4			
44 / 43	.1	.4	1.1	.5		.4												19	19	9	9			
42 / 41		.5	.1	.5	.3													13	13	13	4			
40 / 39	.1	.4	.9	.7	.4													19	19	17	17			
38 / 37	.1	1.5	1.6	.8	.4													33	33	13	4			
36 / 35	.4	2.7	1.9	1.2														49	49	33	19			
34 / 33		4.3	3.4	.3														67	67	49	17			
32 / 31	.7	7.8	3.8	.9														92	92	75	43			
30 / 29		7.1	2.4	.3														73	73	96	44			
28 / 27	.3	4.7	1.5															48	48	77	47			
26 / 25	.4	3.5	1.1	.1														40	40	60	66			
24 / 23	.1	3.4	1.2	.4														38	38	44	47			
22 / 21		3.4	.8															31	31	37	52			
20 / 19	.4	2.4	.5															25	25	34	47			
18 / 17	.4	3.5	.4															33	33	21	53			
16 / 15		3.9	.1															30	30	38	41			
14 / 13		3.2	.1															25	25	25	27			
12 / 11	.4	1.1																11	11	28	31			
10 / 9	.1	1.1																9	9	12	24			
8 / 7	.1	1.9																15	15	7	36			
6 / 5	.1																	1	1	12	15			
4 / 3	.1	.3																3	3	3	15			
2 / 1	.4	1.1																11	11	9	14			
0 / -1	.7																	2	2	4	5			
-2 / -3	.1																	1	1	1	12			
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature										Total					
Ref. Num.									$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$										
Dry Bulb																								
Wet Bulb																								
Dew Point																								

## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-0

YEARS

DEC  
MONTH

PAGE 2

7300-0500  
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
-4/-5	.4																	3	7	3	5													
-6/-7	.1																	1	1	1														
-8/-9	.4																	3	7	3	4													
-10/-11																					5													
-12/-13																					5													
-14/-15																					3													
TOTAL	1.3	0.3	0.4	7.6	0.7	.7												744	744	744	744													
Element (X)	Σ x²	Σ x	X	x̄	No. Obs.	Mean No. of Hours with Temperature											Total																	
Rel. Hum.	4150254	54780	73.6	12.541	744	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						53																	
Dry Bulb	684499	20029	28.1	11.353	744	1.3	61.9										92																	
Wet Bulb	579413	19219	25.8	10.566	744	1.5	73.1										y																	
Dew Point	416534	15216	20.5	11.916	744	4.6	82.6																											

1  
 OFFICIAL CLIMATE DATA  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

07947 KANSAS CITY INTL MO  
 STATION STATION NAME

73-00

YEARS

SFC  
 MONTH

PAGE 1

7000-0800  
 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
64 / 63			.1															1	1				
62 / 61			.5															4	4				
60 / 59			.5	.1														5	5	1			
58 / 57			.1															1	1		5		
56 / 55																					4		
54 / 53			.4															3	3	1			
52 / 51		.8	.4															9	9	2	5		
50 / 49																				7	6		
48 / 47		.3	.4	.3														7	7	4	3		
46 / 45		.5	.5	.5	.1													16	16	3	2		
44 / 43		.5	.4															7	7	9	7		
42 / 41		.3	.3	1.3	.1													15	15	7	5		
40 / 39	.4	.8	.9	.4	.7													23	23	14	5		
38 / 37	.1	1.2	.7	.7	.5													26	26	15	5		
36 / 35	.1	2.6	1.7	.8														39	39	28	7		
34 / 33		4.4	3.5	.5														63	53	39	23		
32 / 31	.5	8.2	3.8	.5														99	99	60	32		
30 / 29	.7	6.7	1.7	.1														69	69	172	47		
28 / 27	.7	5.5	1.2	.4														58	53	58	38		
26 / 25	.5	3.8	.7	.4														40	47	51	71		
24 / 23		3.1	.7	.1														29	29	47	55		
22 / 21	.7	3.6	1.2															41	41	41	54		
20 / 19	.4	4.0	.1															34	34	34	54		
18 / 17	.7	2.4	.1															24	24	37	48		
16 / 15	.4	3.6	.3															32	32	22	33		
14 / 13		3.7	.3															24	24	26	35		
12 / 11	.3	2.8	.3															19	19	31	24		
10 / 9	.1	.9																8	8	12	32		
8 / 7	.1	1.2																10	10	9	30		
6 / 5	.5	.7																9	9	15	13		
4 / 3	.5	.7																9	9	8	17		
2 / 1	.3	1.2																11	11	10	15		
0 / -1	.3																	2	2	5	3		
-2 / -3	.1																	1	1	1	14		
Element (X)	Σ X <sup>2</sup>		Σ X		Σ	σ <sub>x</sub>	No. Obs.		Mean No. of Hours with Temperature							Total							
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F									
Dry Bulb																							
Wet Bulb																							
Dew Point																							

## PSYCHROMETRIC SUMMARY

07447	KANSAS CITY INTL
STATION	STATION NAME

73-51

YEARS

UFC  
MONTH

PAGE 2

2020-3920  
HOURS L. S. T. I

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/ IAD

# PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO 70-80 1980-1180  
STATION STATION NAME YEARS MONTH HOURS U.S.T.

PAGE 1 1980-1180  
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
64 / 63				.3														2	2																
62 / 61			.7	.3														4	4																
60 / 59			.4	.1														4	4		1														
58 / 57		.3																2	2		4														
56 / 55		.7	.1	.1	.1													5	5		6														
54 / 53			.1			.7	.1											4	4		3														
52 / 51		.4	.5	.3		.3												11	11		2														
50 / 49			.7	.1	.4	.3												8	8		5														
48 / 47		.3	.4	.4	.5	.4	.1											16	16		5														
46 / 45		.7	.5	.2	.7	.1												21	21		5														
44 / 43		.3	.3	2.3	.3	.3												28	28		12														
42 / 41		.3	.5	1.5	.4	.1												31	21		19														
40 / 39	.1	.7	1.6	1.2	.9													34	34		19														
38 / 37	.3	2.6	1.9	1.5	.7													49	49		11														
36 / 35	.1	2.4	4.3	1.9	.7													69	69		15														
34 / 33	.1	5.4	3.5	.9	.1													73	75		29														
32 / 31	.1	6.6	1.9	.3	.1													71	71		49														
30 / 29	.5	5.6	3.1	.4														72	72		54														
28 / 27		3.9	1.9	.3														45	45		84														
26 / 25	.1	1.6	1.5	.1														25	25		59														
24 / 23		1.9	.8															20	20		57														
22 / 21	.4	2.4	1.3															31	31		67														
20 / 19	.4	2.3	.9															24	24		55														
18 / 17		1.3	.7															15	15		27														
16 / 15		2.2	.4															19	19		27														
14 / 13	.1	2.3	.5															22	22		27														
12 / 11	.4	.9	.3															12	12		26														
10 / 9		1.5																11	11		25														
8 / 7		.5																6	5		22														
6 / 5	.1	.5																5	5		12														
4 / 3		1.1																8	8		6														
2 / 1		.1																1	1		22														
0 / -1	.1																	1	1		4														
-2 / -3	.3	.1																3	3		6														
Element (X)	Σ x²			Σ x			x̄			s²			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

1

C

73-45

YEARS

$$\frac{150}{50.1}$$

PAGE 7

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71



## PSYCHROMETRIC SUMMARY

02547	KANSAS CITY INTL MO
STATION	STATION NAME

73-5

YEARS

DEC  
MONTH

PAGE 1

1200-1400  
HOURS L. S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-51

YEARS

CEC

**MONTH**

PAGE 3

1270-1400

HOURS (L, S, T, )

GLOBAL CLIMATOLOGY  
USAFETAC  
AFW WEATHER SERVICE/PAO

# PSYCHROMETRIC SUMMARY

STATION 37947 STATION NAME KANSAS CITY INTL MO 73-60 YEARS DEC  
PAGE 1 1980-1730 MONTH  
HOURS 173.5 T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
70 / 42						.1												1	1					
68 / 57						.1	.1											2	2					
66 / 55				.1	.1	.1	.1											4	4					
64 / 63				.1	.4	.4	.1		.1	.1								10	10					
62 / 51			.4		.	.1	.1	.1	.3									12	12					
60 / 59				.1		.4	.3	.5	.1									11	11	3				
58 / 57					.	.1	.7		.3									7	7	5				
56 / 55				.4	.3	.4	.3	.4										21	21	6	3			
54 / 53			.1	.2	.1	.6		.1										16	16	10	3			
52 / 51			.7	.3	.7	1.5	.7											28	28		2			
50 / 49			.3	.1	1.2	.8	.4	.1										22	22	17	7			
48 / 47				.7	1.3	.4	.7	.3										27	27	20	7			
46 / 45		.3	.1	1.3	1.4	.4	.5											31	31	15	9			
44 / 43		.7	.7	2.3	1.7	1.3	.1	.3										53	53	29	15			
42 / 41	.1	.5	1.2	.9	1.5	.8												40	40	39	17			
40 / 39		1.2	1.7	2.3	1.1	.5	.1											52	52	40	5			
38 / 37	.4	.7	2.6	2.4	.													51	51	60	16			
36 / 35		.9	2.2	1.3	.7	.3												40	40	49	24			
34 / 33		2.4	2.8	2.4	.7													62	62	72	26			
32 / 31	.1	3.9	2.6	.7	.7													59	59	71	37			
30 / 29		.8	2.7	.9	.2													35	35	79	63			
28 / 27		.3	1.9	1.2	.3													31	31	35	71			
26 / 25		.4	2.3	.9														27	27	35	56			
24 / 23		.5	1.5	.3														19	19	27	40			
22 / 21		.9	1.1															15	15	32	34			
20 / 19	.1	1.5	.9	.1														21	21	70	46			
18 / 17		.5	.7															9	9	16	40			
16 / 15		.3	.5															10	10	11	35			
14 / 13		.4	.4															6	6	10	21			
12 / 11	.4	.4	.4															11	11	13	25			
10 / 9		.1	.4															4	4	4	29			
8 / 7		.1																1	1	7	29			
6 / 5		.3																2	2	1	10			
4 / 3		.4																3	3	2	15			
Element (X)	Σ X <sup>2</sup>		Σ X		X		°X		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

1

## c

YEARS

MONTH

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

GLOBAL CLIMATE DATA CENTER  
USAFETAC  
AIR WEATHER SERVICE/TAC

# PSYCHROMETRIC SUMMARY

03947 KANSAS CITY INTL MO  
STATION STATION NAME

73-87

YEARS

DEC

MONTH

PAGE 1

1870-2000

HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
64 / 63					.4														3	3					
62 / 61				.1															1	1					
60 / 59				.5	.1														5	5					
58 / 57			.3	.3	.2	.1													7	7	2				
56 / 55			.3	.4	.2	.2	.1	.1											9	9	3				
54 / 53			.3	.3	.2	.2	.3	.1											14	14	8				
52 / 51			.3	.3	.2	.1	.2	.1											11	11	4				
50 / 49			.2	.7	.2	.2	.1												13	13	7				
48 / 47		.3	.3	.4	.4	.4													17	17	5				
46 / 45		.1	.7	.4	.4	.4	.1												20	20	16				
44 / 43		.7	.1	2.0	.4	.4	.3												26	26	16				
42 / 41	.1	.4	1.5	1.7	.5	.4													35	35	17				
40 / 39		1.7	2.3	.7	2.4														55	55	25				
38 / 37		2.7	2.3	2.3	.4	.3													55	55	57				
36 / 35	.4	.7	2.4	1.6	.3	.3													45	45	55				
34 / 33		1.9	2.6	1.7	.7	.1													59	59	43				
32 / 31	.4	6.6	4.3	2.0															97	97	58				
30 / 29	.1	5.3	2.3	.7															60	60	33				
28 / 27		1.5	1.3	.3															23	23	70				
26 / 25		1.9	2.3	.9	.1														36	36	47				
24 / 23		.9	2.3	.5															26	26	39				
22 / 21		1.3	1.5																21	21	14				
20 / 19	.1	2.7	1.3	.1															32	32	36				
18 / 17		1.3	.3																13	13	26				
16 / 15		1.6	.7																17	17	19				
14 / 13		1.2	.7																11	11	14				
12 / 11		1.1	.1																9	9	11				
10 / 9	.1	.7	.2																8	8	11				
8 / 7		.1	.3																3	3	7				
6 / 5		.1																	1	1	3				
4 / 3		.3																	4	4	2				
2 / 1		.3																	2	2	5				
0 / -1	.3	.4																	5	5	3				
-2 / -3	.1																		1	1	3				
Element (X)	Σ x <sup>2</sup>			Σ x			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature						Total			
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									



U.S. AIR FORCE  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION 67947 KANSAS CITY INTL MO STATION NAME 73-87 YEARS DEC MONTH  
 PAGE 1 2100-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
62 / 61			.1	.1														3	3		
61 / 59			.1	.3														3	3		
60 / 57		.1		.4														4	4	2	
59 / 55		.1	.4	.1	.1													6	6	3	1
58 / 53			.4			.7												8	8	4	3
57 / 51			.3	.3		.7	.1											7	7	6	2
56 / 49			.7	.9	.1	.4	.7											18	16	2	7
48 / 47			.3	.7														7	7	2	3
46 / 45		.3	.1	.7	.3	.7												13	13	7	1
44 / 43		.4	.3	.9	.7	.1												15	15	21	6
42 / 41		1.5	1.1	1.2	.7	.7												38	38	13	6
42 / 39		1.1	2.2	.8	.9	.1												37	37	21	13
38 / 37		2.2	3.7	2.3	.1													56	56	33	12
36 / 35	.3	2.2	2.2	.5	.1													39	39	47	21
34 / 33	.1	3.4	4.3	.9	.4													66	66	53	20
32 / 31	.3	5.9	2.4	2.3														95	85	50	51
28 / 29	.1	6.3	3.1	.4														72	72	93	52
28 / 27	.1	3.0	2.3	.5														44	44	69	52
26 / 25	.1	2.6	1.1	.5														32	32	57	75
24 / 23		3.1	.9	.3														29	29	41	53
22 / 21	.1	2.2	1.5															26	28	30	38
20 / 19		3.4	.8															31	31	36	44
18 / 17		2.7	.3															22	22	37	46
16 / 15		1.7																13	13	13	47
14 / 13	.1	2.8	.1															23	23	19	38
12 / 11		1.5																11	11	18	28
10 / 9		.3																6	6	12	24
8 / 7		.8																6	6	6	22
6 / 5		.5																4	4	6	12
4 / 3	.1	.5																5	5	5	27
2 / 1		.5																4	4	5	8
0 / -1	.4																	3	3	5	7
-2 / -3		.3																2	2	1	4
-4 / -5	.1	.3																3	3	3	4
Element (X)	Σ X <sup>2</sup>		Σ X		Σ	Σ A		No. Obs.		Mean No. of Hours with Temperature							Total				
Rel. Hum.										≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

## PSYCHROMETRIC SUMMARY

03947	KANSAS CITY INTL MO
STATION	STATION NAME

73-82

**YEARS**

DEC  
MONTH

PAGE 2

2100-2300  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

07547	KANSAS CITY INTL MO
STATION	STATION NAME

73-30

YEARS

SEC  
MONTH

PAGE 1

ALL

HOURS IN S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

UFC  
MONTH

PAGE 2

ALL

HOURS L. S. T.

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAO

# PSYCHROMETRIC SUMMARY

02947 KANSAS CITY INTL MO 73-01 ALL  
STATION STATION NAME YEARS MONTH ALL  
PAGE 1 ALL  
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
108/107																		.0	1	1					
106/105																		.0	17	17					
104/103																		.0	32	32					
102/101																		.0	45	45					
100/99																		.0	81	-1					
98/97																		.0	122	122					
96/95																		.0	267	267					
94/93																		.0	384	384					
92/91																		.0	551	551					
90/89																		.0	659	659					
88/87																		.0	889	889					
86/85																		.0	1169	1169					
84/83																		.0	1303	1303					
82/81																		.0	1551	1551	41				
80/79																		.0	1899	1899	267	12			
78/77																		.0	1902	1902	879	68			
76/75																		.0	2247	2247	1658	310			
74/73																		.0	2300	2300	2516	828			
72/71																		.0	2650	2650	2568	1680			
70/69																		.0	2972	2972	3123	2519			
68/67																		.0	2550	2550	3195	3001			
66/65																		.0	2543	2543	2808	2946			
64/63																		.0	2397	2397	2906	2763			
62/61																		.0	2413	2413	2609	2654			
60/59																		.0	2176	2176	2667	2617			
58/57																		.0	2092	2092	2589	2405			
56/55																		.0	1984	1984	2464	2596			
54/53																		.0	1975	1975	2316	2253			
52/51																		.0	1862	1862	1972	2039			
50/49																		.0	1740	1741	1943	1974			
48/47																		.0	1653	1654	2171	1620			
46/45																		.0	1643	1643	2097	1727			
44/43																		.0	1729	1729	2093	1735			
42/41																		.0	1606	1606	1950	1926			
Element (X)	Σ X					Σ X					Σ X					Σ X					Σ X				
Rel. Hum.																									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

GLOBAL CLIMATOLOGY - VICH  
USAFETAC  
AIR WEATHER SERVICE/AD

# PSYCHROMETRIC SUMMARY

03547 KANSAS CITY INTL MO  
STATION STATION NAME

73-81

YEARS

ALL

MONTH

PAGE 7

ALL

HOURS 10.5.1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
40 / 39	.1	.7	1.3	.6	.3	.0	.											1902	1902	1942	1935
38 / 37	.1	.6	.9	.7	.1	.0	.											1822	1822	2126	1957
36 / 35	.1	.5	1.1	.5	.1	.7	.											1862	1862	2044	1949
34 / 33	.1	1.2	1.1	.4	.1	.0	.											1979	1979	2303	2069
32 / 31	.1	1.7	1.2	.4	.	.	.											2442	2442	2375	2900
30 / 29	.1	1.3	.5	.1	.	.	.											1743	1743	2550	2420
28 / 27	.1	1.4	.5	.1	.	.	.											1272	1272	2050	2330
26 / 25	.1	.9	.5	.1	.	.	.											1173	1173	1650	2343
24 / 23	.1	.7	.3	.1	.	.	.											776	776	1153	1561
22 / 21	.1	.7	.4	.	.	.	.											500	500	1015	1890
20 / 19	.1	.9	.4	.	.	.	.											929	929	921	1953
18 / 17	.1	.6	.2	.	.	.	.											618	618	831	1326
16 / 15	.1	.7	.2	.	.	.	.											677	677	752	1141
14 / 13	.1	.7	.1	.	.	.	.											633	633	650	864
12 / 11	.1	.5	.1	.	.	.	.											519	519	660	799
10 / 9	.1	.5	.3	.	.	.	.											413	413	553	782
8 / 7	.1	.4	.	.	.	.	.											325	325	421	729
6 / 5	.1	.3	.	.	.	.	.											205	205	317	461
4 / 3	.1	.3	.	.	.	.	.											254	254	260	539
2 / 1	.1	.3	.	.	.	.	.											263	263	263	614
0 / -1	.2	.1	.	.	.	.	.											175	175	208	351
-2 / -3	.1	.1	.	.	.	.	.											103	103	119	363
-4 / -5	.1	.	.	.	.	.	.											95	95	102	305
-6 / -7	.1	.	.	.	.	.	.											63	63	83	205
-8 / -9	.1	.	.	.	.	.	.											71	71	72	220
-10 / -11	.3	.	.	.	.	.	.											23	23	23	173
-12 / -13	.	.	.	.	.	.	.											11	11	11	69
-14 / -15	.	.	.	.	.	.	.														120
-16 / -17	.	.	.	.	.	.	.														79
-18 / -19	.	.	.	.	.	.	.														100
-20 / -21	.	.	.	.	.	.	.														40
-22 / -23	.	.	.	.	.	.	.														0
-24 / -25	.	.	.	.	.	.	.														1
-26 / -27	.	.	.	.	.	.	.														1
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		Total
Dry Bulb																					
Wet Bulb																					
Dew Point																					

1

100

73-51

ALL  
MONTH

PAGE 2

ALL  
HOURS S. T.

USAFETAC FORM 0-26.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUN 71

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

3447		KANSAS CITY INTL MO												73-81	
STATION		STATION NAME												YEARS	
HRS	1ST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
0-02	MEAN	21.3	27.5	36.6	51.4	58.8	67.6	73.7	71.2	62.4	51.7	39.7	29.4	49.6	
	S D	13.778	14.033	12.042	10.248	7.994	6.854	6.246	6.197	8.774	9.901	11.539	11.253	19.989	
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766	
0-05	MEAN	19.6	26.1	36.8	49.3	56.4	65.3	71.0	68.8	60.5	49.5	36.1	28.1	47.6	
	S D	13.666	13.877	12.095	10.196	8.228	6.668	5.643	6.042	8.928	9.888	11.698	11.253	19.647	
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766	
6-08	MEAN	18.9	25.0	36.2	49.8	58.3	68.0	73.2	69.8	60.8	49.2	37.4	27.3	47.9	
	S D	13.605	13.773	12.126	10.228	8.314	6.509	5.821	5.928	8.827	9.741	11.914	11.513	20.595	
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766	
8-11	MEAN	22.1	29.5	42.1	57.1	65.8	76.0	81.8	78.2	69.1	57.6	42.6	31.0	54.5	
	S D	13.545	14.524	12.595	10.864	8.405	6.650	7.014	6.794	8.879	9.665	12.202	11.453	22.309	
	TOTAL OBS	743	676	743	720	743	720	744	744	720	744	720	744	8761	
12-14	MEAN	23.6	35.2	48.0	62.4	70.7	81.0	87.5	84.2	75.1	64.2	48.6	36.7	60.2	
	S D	13.620	15.309	13.579	11.603	8.759	7.047	7.924	7.707	9.613	10.541	13.076	12.120	22.554	
	TOTAL OBS	744	678	744	720	744	720	743	744	720	744	720	744	8765	
16-17	MEAN	29.3	36.9	50.0	63.7	71.7	82.0	88.9	85.4	75.8	65.0	48.9	37.3	61.4	
	S D	13.752	15.690	13.813	11.561	8.751	7.149	7.887	7.757	10.019	11.785	13.014	12.267	22.588	
	TOTAL OBS	744	678	744	719	744	720	744	744	720	744	719	744	8764	
18-20	MEAN	25.4	32.7	45.7	59.4	67.5	77.7	83.5	79.6	69.5	58.0	43.8	32.9	56.4	
	S D	13.349	14.516	12.857	10.667	8.173	7.054	7.316	7.043	9.340	9.847	11.635	11.345	21.826	
	TOTAL OBS	744	678	743	720	741	720	744	744	720	744	720	744	8762	
21-23	MEAN	23.2	29.7	41.6	54.3	62.1	71.1	76.7	73.8	64.7	54.0	41.3	30.6	52.0	
	S D	13.487	14.146	12.156	10.066	7.779	6.843	6.219	6.067	8.701	9.715	11.359	11.401	20.349	
	TOTAL OBS	744	678	744	720	741	720	744	744	720	744	720	744	8761	
ALL HOURS	MEAN	23.5	30.3	42.4	55.9	63.9	73.6	79.5	76.4	67.2	56.2	42.5	31.7	53.1	
	S D	14.033	15.030	13.546	11.908	9.950	9.138	9.334	9.016	10.778	11.553	12.738	12.101	21.842	
	TOTAL OBS	5951	5422	5950	5759	5945	5760	5951	5952	5760	5952	5759	5952	7011	

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

7547 KANSAS CITY INTL MO

73-81

STATION	STATION NAME	YEARS												
HRS /LT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	19.3	24.9	35.1	46.6	54.8	63.1	67.7	66.1	58.4	47.2	35.3	26.8	45.6
	S D	12.677	12.537	10.971	9.368	8.112	6.478	4.686	5.167	8.373	9.144	10.825	10.356	18.693
	TOTAL OBS	744	678	743	720	744	720	744	744	720	744	720	744	8765
3-05	MEAN	18.0	23.8	33.8	45.2	53.3	61.8	66.5	64.9	57.3	45.8	35.2	25.8	44.4
	S D	12.729	12.606	11.173	9.558	8.306	6.601	4.558	5.260	8.612	9.296	11.083	10.566	18.722
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
6-08	MEAN	17.3	22.9	33.5	45.8	54.8	63.6	68.0	65.7	57.6	45.8	34.7	25.2	44.7
	S D	12.739	12.631	11.313	9.607	8.241	6.127	4.426	5.041	8.497	9.284	11.337	10.856	19.443
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
9-11	MEAN	19.9	26.3	37.5	50.1	58.8	67.3	71.7	69.7	62.1	50.8	38.3	28.0	48.5
	S D	12.454	12.718	11.056	9.343	7.793	5.804	4.493	4.763	7.703	8.404	11.034	10.483	19.608
	TOTAL OBS	743	676	743	720	743	720	744	744	720	744	720	744	8761
12-14	MEAN	24.2	30.3	41.0	52.8	60.9	68.8	73.2	71.6	64.4	53.9	41.8	31.5	51.3
	S D	11.846	12.420	10.924	9.188	7.717	5.852	4.490	5.014	7.688	8.336	10.897	10.326	18.725
	TOTAL OBS	744	678	744	720	744	720	743	744	720	744	720	744	8765
15-17	MEAN	25.2	31.3	42.1	53.2	61.2	69.1	73.3	71.9	64.3	53.9	41.7	32.1	51.7
	S D	11.783	12.288	10.772	8.846	7.482	5.708	4.398	4.922	7.580	8.360	10.757	10.339	18.446
	TOTAL OBS	744	678	744	719	744	720	744	744	720	744	719	744	8764
18-20	MEAN	22.4	28.7	39.6	51.0	59.3	67.6	71.8	70.0	61.9	50.6	38.8	29.2	49.3
	S D	12.027	12.151	10.655	8.853	7.575	5.899	4.445	4.987	8.003	9.705	10.551	10.143	18.838
	TOTAL OBS	744	678	743	720	741	720	744	744	720	744	720	744	8762
21-23	MEAN	20.8	26.6	37.0	48.4	56.8	64.9	69.2	67.4	59.6	48.5	37.3	27.6	47.1
	S D	12.371	12.384	10.621	9.038	7.769	6.292	4.524	5.070	8.229	8.829	10.550	10.367	18.644
	TOTAL OBS	744	678	743	720	741	720	744	744	720	744	720	744	8762
ALL HOURS	MEAN	20.7	26.9	37.4	49.1	57.5	65.8	70.2	68.4	60.7	49.6	38.0	28.3	47.8
	S D	12.615	12.779	11.343	9.676	8.361	6.633	5.140	5.637	8.522	9.317	11.163	10.698	19.081
	TOTAL OBS	5951	5422	5948	5759	5945	5760	5951	5952	5760	5952	5759	5952	70111

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

0347 KANSAS CITY INTL MO

73-81

STATION	STATION NAME	YEARS												
HRS EST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-30	MEAN	12.0	19.0	29.4	41.3	51.4	60.2	64.4	63.1	55.5	42.5	31.2	21.0	41.1
	S D	14.314	13.389	12.258	10.810	9.697	7.411	5.553	6.062	9.508	10.498	12.257	11.735	20.383
	TOTAL OBS	744	678	743	720	744	720	744	744	720	744	720	744	8765
3-15	MEAN	11.9	18.2	28.9	40.7	50.6	59.6	63.9	62.5	54.9	41.8	30.7	20.5	40.4
	S D	14.362	13.490	12.327	10.789	9.602	7.287	5.141	5.874	9.504	10.512	12.346	11.916	20.437
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
6-18	MEAN	11.2	17.4	28.8	41.4	51.6	60.8	65.1	63.3	55.3	42.1	30.3	20.0	40.7
	S D	14.497	13.740	12.525	10.767	9.456	6.982	4.927	5.766	9.284	10.397	12.645	12.279	21.041
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
9-11	MEAN	12.9	19.6	30.8	43.3	53.4	62.2	66.8	65.2	57.4	44.1	32.2	21.3	42.6
	S D	14.347	13.558	12.516	11.015	9.868	7.575	5.594	6.085	9.316	10.341	12.559	12.130	20.996
	TOTAL OBS	743	676	743	720	743	720	744	744	720	744	720	744	8761
12-14	MEAN	15.2	21.7	31.9	43.8	53.7	61.9	66.4	65.2	57.4	44.5	33.1	23.1	43.3
	S D	13.770	12.981	12.533	11.358	10.363	8.331	6.240	6.967	9.994	10.874	12.722	12.160	20.421
	TOTAL OBS	744	678	744	720	744	720	743	744	720	744	720	744	8765
15-17	MEAN	15.8	21.9	32.2	43.6	53.5	61.8	65.7	65.0	56.8	43.9	32.6	22.8	43.1
	S D	13.554	12.586	12.384	11.223	10.345	8.218	6.577	6.967	9.963	11.137	12.724	12.283	20.197
	TOTAL OBS	744	678	744	719	744	720	744	744	720	744	719	744	8764
18-20	MEAN	14.5	20.9	31.3	42.7	53.0	61.7	65.9	64.9	56.6	43.2	31.9	21.8	42.5
	S D	13.754	12.861	12.181	11.135	10.194	7.905	6.131	6.701	9.786	11.028	12.435	11.910	20.468
	TOTAL OBS	744	678	743	720	741	720	744	744	720	744	720	744	8762
21-23	MEAN	13.8	20.1	30.5	42.1	52.5	61.0	65.2	63.8	55.8	42.8	31.4	21.2	41.8
	S D	14.063	13.134	11.870	10.815	9.732	7.558	5.672	6.308	9.649	10.504	12.243	11.937	20.362
	TOTAL OBS	744	678	743	720	741	720	744	744	720	744	720	744	8762
ALL HOURS	MEAN	13.5	19.8	30.5	42.4	52.5	61.1	65.4	64.1	56.2	43.1	31.7	21.5	41.9
	S D	14.159	13.301	12.381	11.039	9.963	7.714	5.820	6.429	9.666	10.698	12.518	12.080	20.564
	TOTAL OBS	5951	5422	5948	5759	5945	5760	5951	5952	5760	5952	5759	5952	70111



## RELATIVE HUMIDITY

JAN  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN.	00-02	100.0	100.0	99.6	98.8	93.5	76.9	48.9	24.1	6.5	71.4	744
	03-05	100.0	100.0	99.6	99.2	94.0	81.6	53.4	26.6	7.3	71.7	744
	06-08	100.0	100.0	99.6	99.5	94.5	82.0	57.3	27.7	7.7	72.3	744
	09-11	100.0	100.0	100.0	97.8	88.4	70.5	42.7	23.4	7.1	68.6	743
	12-14	100.0	100.0	98.4	89.7	70.2	43.8	25.1	14.4	5.0	60.3	744
	15-17	100.0	100.0	98.5	87.2	65.9	40.3	23.9	12.1	3.9	58.8	744
	18-20	100.0	100.0	99.5	97.4	82.9	56.7	30.6	14.5	4.3	64.3	744
	21-23	100.0	99.9	99.5	98.7	89.5	71.6	40.6	18.5	6.6	68.1	744
TOTALS		100.0	100.0	99.3	96.0	84.9	65.4	40.3	20.2	6.1	66.1	5951

GLOBAL CLIMATOLOGY BRANCH  
ASBESTAC  
AT WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

03947 KANSAS CITY INTL MO  
STATION STATION N.

74-81

FFL  
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.9	99.1	92.0	78.9	54.7	27.6	6.9	71.3	678
	03-05	100.0	100.0	99.7	99.0	94.0	82.3	60.5	31.6	6.0	72.9	678
	06-08	100.0	100.0	99.6	99.4	94.7	82.9	62.2	31.9	8.0	73.5	678
	09-11	100.0	99.9	99.4	96.6	87.4	68.0	44.7	19.8	5.6	67.9	676
	12-14	100.0	99.6	95.9	89.2	72.0	46.0	24.6	13.7	5.3	60.3	678
	15-17	100.0	98.5	93.2	82.9	65.3	41.9	21.7	11.2	4.4	57.6	678
	18-20	100.0	99.3	97.3	91.0	81.6	61.8	34.7	14.7	4.9	64.1	679
	21-23	100.0	99.7	99.6	97.2	89.5	74.6	48.5	21.1	5.3	68.9	673
TOTALS		100.0	99.6	98.1	94.2	84.6	67.1	44.0	21.5	5.3	67.1	5422

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATMOSPHERIC WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

13747 KANSAS CITY INTL MO  
STATION STATION NAME

74-81

PERIOD

YEAR

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	97.8	89.5	74.3	56.0	29.7	6.5	70.9	743
	03-05	100.0	100.0	100.0	97.5	94.4	83.1	62.1	36.7	11.0	74.0	744
	06-08	100.0	100.0	100.0	99.5	96.4	84.7	64.2	40.3	14.4	75.3	744
	09-11	100.0	100.0	99.2	94.8	79.1	59.8	41.7	22.7	7.7	66.0	743
	12-14	100.0	99.7	93.1	78.9	57.0	40.5	24.1	14.2	5.1	56.9	744
	15-17	100.0	98.0	89.4	70.0	50.5	35.9	23.1	14.8	3.9	54.2	744
	18-20	100.0	99.9	95.2	84.0	66.4	48.6	31.2	14.7	4.2	60.0	743
	21-23	100.0	100.0	98.9	94.1	81.6	65.1	44.7	20.2	6.2	66.6	743
TOTALS		100.0	99.8	97.0	89.8	76.9	61.5	43.4	24.2	7.4	65.5	5948

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)

CLINICAL CLIMATOLOGY BRANCH  
LEAFLET  
ALL-WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

13747	KANSAS CITY INTL MO
STATION	STATION NAME

74-21

2011  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	97.2	86.4	70.7	50.8	30.7	6.9	69.9	720
	03-05	100.0	100.0	100.0	98.6	92.9	78.9	59.3	36.3	12.1	73.5	720
	06-08	100.0	100.0	100.0	99.6	93.8	81.7	61.0	35.1	11.1	73.8	720
	09-11	100.0	100.0	98.6	88.3	69.4	51.1	33.5	19.7	5.1	62.3	720
	12-14	100.0	99.2	90.6	69.9	50.7	34.4	23.2	10.0	4.3	53.7	720
	15-17	100.0	98.5	85.1	62.4	45.8	32.3	21.3	11.4	2.8	51.7	719
	18-20	100.0	99.6	93.6	76.4	55.8	41.7	27.1	16.1	3.9	57.3	720
	21-23	100.0	100.0	99.6	93.1	76.5	58.1	41.1	22.8	5.7	65.5	720
TOTALS		100.0	99.7	95.9	85.7	71.4	56.1	39.7	22.8	6.5	63.5	5759

## RELATIVE HUMIDITY

3947	KANSAS CITY INTL MO
STATION	STATION NAME

74-81

PERIOD

MAY  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.5	97.3	88.0	69.9	44.4	17.5	77.3	744
	03-05	100.0	100.0	100.0	99.7	98.7	93.5	82.8	56.0	25.3	81.4	744
	06-08	100.0	100.0	100.0	100.0	98.7	91.3	77.7	48.9	21.0	79.6	744
	09-11	100.0	99.9	99.6	95.3	83.2	63.0	36.9	21.0	6.2	66.0	743
	12-14	100.0	99.6	96.9	82.3	63.3	39.6	20.4	10.6	3.6	57.2	744
	15-17	100.0	99.6	94.8	77.3	55.2	34.3	19.2	11.7	4.8	55.2	744
	18-20	100.0	99.9	98.9	89.5	71.5	50.6	30.6	17.0	5.5	61.9	741
	21-23	100.0	100.0	99.7	98.2	92.4	76.5	54.5	30.9	10.0	72.0	741
TOTALS		100.0	99.9	98.7	92.7	82.5	67.1	49.0	30.1	11.7	66.3	5945

JUN  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN.	00-02	100.0	100.0	100.0	100.0	99.4	91.5	70.6	42.8	14.0	77.7	720
	03-05	100.0	100.0	100.0	100.0	99.7	96.9	84.3	59.9	23.1	82.3	720
	06-08	100.0	100.0	100.0	100.0	99.4	91.5	73.1	45.8	15.4	78.4	720
	09-11	100.0	100.0	100.0	95.6	79.6	54.9	32.8	15.0	4.2	63.7	720
	12-14	100.0	100.0	97.1	80.4	52.9	31.7	15.0	6.7	2.5	54.2	720
	15-17	100.0	100.0	95.1	76.4	50.1	26.1	11.8	5.4	1.8	52.3	720
	18-20	100.0	100.0	98.8	90.6	70.3	45.8	23.1	9.3	3.2	59.7	720
	21-23	100.0	100.0	100.0	99.9	94.6	75.7	54.7	27.6	7.2	71.4	720
TOTALS		100.0	100.0	98.9	92.9	80.8	64.3	45.7	26.6	8.9	67.5	5760

## RELATIVE HUMIDITY

JUL  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	99.8	93.4	80.2	62.1	37.2	10.3	74.0	744
	03-05	100.0	100.0	100.0	100.0	97.7	89.7	76.9	50.7	16.8	78.9	744
	06-08	100.0	100.0	100.0	99.9	97.3	88.6	68.8	43.0	13.2	76.7	744
	09-11	100.0	100.0	99.2	93.3	76.2	50.8	28.6	13.3	3.4	62.1	744
	12-14	100.0	99.6	93.7	73.5	49.5	26.4	14.3	5.0	1.6	51.0	743
	15-17	100.0	99.3	87.6	66.1	40.9	22.3	10.9	3.6	1.1	48.7	744
	18-20	100.0	99.9	95.7	86.0	64.2	40.9	23.3	8.5	1.7	57.5	744
	21-23	100.0	100.0	100.0	97.0	88.0	70.3	48.1	26.1	5.6	69.2	744
TOTALS		100.0	99.9	97.0	89.3	75.9	58.7	41.6	23.7	6.8	64.9	5951

AUG  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	99.6	96.5	85.1	69.8	48.7	14.5	76.8	744
	03-05	100.0	100.0	100.0	99.6	98.7	93.0	76.6	60.1	20.6	81.0	744
	06-08	100.0	100.0	99.9	99.3	98.0	93.0	79.3	58.1	21.1	80.3	744
	09-11	100.0	100.0	98.9	95.3	82.7	60.3	37.5	25.7	6.6	65.9	744
	12-14	100.0	99.6	94.9	80.6	57.3	33.7	18.3	9.8	2.2	55.3	744
	15-17	100.0	99.5	92.7	75.9	53.6	28.8	16.3	6.3	2.2	52.7	744
	18-20	100.0	99.9	97.7	90.3	76.5	55.6	32.3	16.5	2.8	62.7	744
	21-23	100.0	100.0	100.0	99.2	89.9	77.3	59.9	35.6	7.3	72.4	744
TOTALS		100.0	99.9	98.0	92.5	81.7	65.9	49.0	32.0	9.7	68.0	5952



354  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	98.6	96.4	90.4	78.3	50.6	16.7	78.9	720
	03-05	100.0	100.0	100.0	100.0	97.8	93.6	85.1	63.6	23.8	82.3	720
	06-08	100.0	100.0	100.0	99.9	98.9	95.0	86.1	64.2	24.9	82.9	720
	09-11	100.0	100.0	99.3	95.3	85.0	64.9	44.6	25.4	7.5	63.0	720
	12-14	100.0	100.0	95.3	80.0	57.6	39.6	25.3	12.1	2.5	56.9	720
	15-17	100.0	99.6	92.5	75.1	50.4	34.9	23.2	11.1	3.2	54.7	720
	18-20	100.0	99.9	99.0	92.6	79.2	60.3	40.6	21.1	6.7	65.6	720
	21-23	100.0	100.0	99.7	98.1	94.2	82.4	61.8	36.0	13.2	74.2	720
TOTALS		100.0	99.9	98.2	92.5	82.4	70.1	55.6	35.5	12.3	70.4	5760

GLOBAL CLIMATOLOGY BRANCH  
JAFETAC  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

3947 KANSAS CITY INTL MO  
STATION STATION

73-92

207

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	99.7	97.6	71.4	76.1	56.5	73.3	12.5	72.3	744
	03-05	100.0	100.0	100.0	98.7	94.2	83.9	67.7	42.5	15.1	75.9	744
	06-08	100.0	100.0	100.0	98.7	96.1	89.0	72.0	45.0	17.6	77.5	744
	09-11	100.0	100.0	98.7	90.1	73.0	50.4	32.0	19.1	9.0	62.9	744
	12-14	100.0	98.4	89.5	69.1	43.0	29.2	18.1	11.4	4.3	51.9	744
	15-17	100.0	97.7	85.1	61.0	37.4	25.3	16.5	12.1	3.4	49.6	744
	18-20	100.0	100.0	96.5	85.8	68.1	46.2	28.4	17.1	6.0	60.4	744
	21-23	100.0	100.0	99.3	94.5	83.5	66.1	42.5	23.0	9.8	67.7	744
TOTALS		100.0	99.5	96.1	86.9	73.3	58.3	41.7	25.5	9.7	64.8	5952

METEOROLOGICAL CLIMATOLOGY BRANCH  
 HQAFETAC  
 AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

3047 KANSAS CITY INTL MO  
STATION STATION NO

73-80

400  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.9	92.5	76.6	57.2	34.9	9.7	72.7	720
	03-05	100.0	100.0	100.0	100.0	96.1	84.2	62.9	39.7	13.9	75.3	720
	06-08	100.0	99.9	99.9	99.9	97.8	88.9	66.4	40.7	15.0	75.4	720
	09-11	100.0	99.9	99.7	95.9	83.5	64.9	47.1	28.1	10.4	63.4	720
	12-14	100.0	99.9	95.1	80.0	59.4	42.2	27.4	15.0	5.4	53.0	720
	15-17	100.0	99.7	94.4	78.0	54.9	37.8	26.1	15.0	5.0	56.6	714
	18-20	100.0	100.0	99.4	94.2	76.8	56.3	36.7	22.6	6.5	64.0	720
	21-23	100.0	100.0	100.0	96.8	87.2	69.2	45.7	28.5	8.5	69.2	720
TOTALS		100.0	99.9	98.6	93.1	81.0	65.0	46.2	27.6	9.3	67.7	5759

GLOBAL CLIMATOLOGY BRANCH  
METAC  
WEATHER SERVICE/NAO

## RELATIVE HUMIDITY

3147 KANSAS CITY INTL MO  
STATION STATION N.

73-29

250  
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90		
DEC	00-02	100.0	100.0	100.0	99.3	92.5	80.0	59.7	37.3	5.6	71.7	744
	03-05	100.0	100.0	100.0	99.1	94.4	83.6	64.8	41.3	7.1	73.0	744
	06-08	100.0	100.0	100.0	99.9	96.0	85.2	67.9	38.9	9.1	74.0	744
	09-11	100.0	100.0	99.9	96.3	88.7	73.0	51.2	26.2	5.5	69.7	744
	12-14	100.0	99.7	97.2	87.2	68.6	47.0	28.1	14.2	2.3	60.0	744
	15-17	100.0	99.7	95.3	84.0	65.6	42.6	25.3	11.3	3.0	58.2	744
	18-20	100.0	100.0	98.3	93.4	83.6	64.8	39.2	18.4	7.6	65.4	744
	21-23	100.0	100.0	99.6	97.0	89.1	74.1	50.0	23.0	4.4	69.3	744
TOTALS		100.0	99.9	98.8	94.7	84.6	68.6	48.3	23.3	5.2	67.0	5951

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AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/6 4/2  
KANSAS CITY IAP, MISSOURI. REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)  
DEC 81

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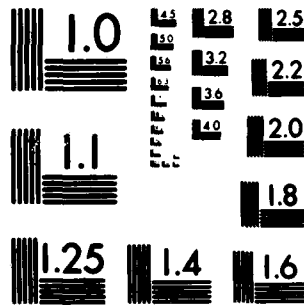
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NATIONAL BUREAU OF STANDARDS-1963-A.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

3947 KANSAS CITY INTL MO  
STATION STATION NAME

73-81

PERIOD

ALL  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.3	96.0	84.9	65.4	40.3	20.2	6.1	66.5	5951
FEB		100.0	99.6	98.1	94.2	84.6	67.1	44.0	21.5	5.8	67.1	5422
MAR		100.0	99.8	97.0	89.8	76.9	61.5	43.4	24.2	7.4	65.5	5948
APR		100.0	99.7	95.9	85.7	71.4	56.1	39.7	22.8	6.5	63.5	5759
MAY		100.0	99.9	98.7	92.7	82.5	67.1	49.0	30.1	11.7	66.6	5945
JUN		100.0	100.0	98.9	92.9	80.8	64.3	45.7	26.6	8.9	67.5	5760
JUL		100.0	99.9	97.0	89.3	75.9	58.7	41.6	23.7	6.8	64.9	5951
AUG		100.0	99.9	98.0	92.5	81.7	65.9	49.0	32.0	9.7	68.5	5952
SEP		100.0	99.9	98.2	92.5	82.4	70.1	55.6	35.5	12.3	70.4	5760
OCT		100.0	99.5	96.1	86.9	73.3	58.3	41.7	25.5	9.7	64.8	5952
NOV		100.0	99.9	98.6	93.1	81.0	65.0	46.2	27.6	9.3	67.7	5759
DEC		100.0	99.9	98.8	94.7	84.8	68.8	48.3	23.3	5.2	67.8	5952
TOTALS		100.0	99.8	97.9	91.7	80.0	64.0	45.4	26.1	8.3	66.9	70111

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART F

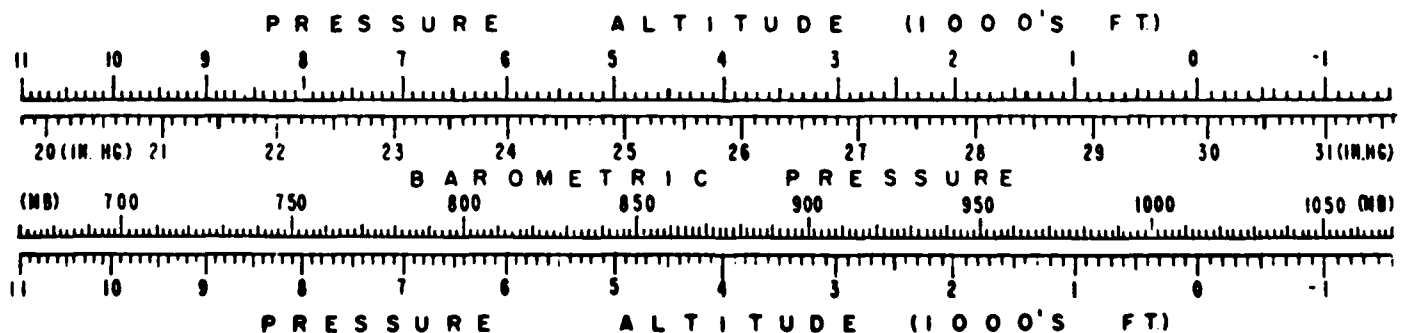
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.  
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.  
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.





GLOBAL CLIMATOLOGY BRANCH  
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AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

33947 KANSAS CITY INTL MO

73-81

STATION	STATION NAME	YEARS												
HRS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
0	MEAN	29.030	28.977	28.870	28.870	28.837	28.858	28.902	28.916	28.941	28.958	28.977	28.976	28.926
	S D	.249	.259	.237	.207	.145	.147	.092	.109	.143	.189	.219	.248	.203
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
3	MEAN	29.035	28.971	28.860	28.863	28.831	28.854	28.897	28.910	28.938	28.955	28.973	28.970	28.921
	S D	.250	.260	.246	.209	.148	.153	.091	.108	.146	.194	.221	.251	.206
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
6	MEAN	29.029	28.969	28.865	28.877	28.845	28.873	28.915	28.927	28.955	28.969	28.972	28.959	28.929
	S D	.252	.259	.250	.213	.153	.155	.092	.110	.150	.197	.226	.259	.208
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
9	MEAN	29.057	28.995	28.889	28.900	28.868	28.889	28.936	28.945	28.979	28.993	29.001	28.986	28.953
	S D	.257	.260	.255	.216	.158	.158	.093	.113	.151	.199	.225	.263	.211
	TOTAL OBS	247	226	248	240	248	240	248	248	240	248	240	248	2921
12	MEAN	29.052	28.995	28.880	28.890	28.854	28.879	28.923	28.934	28.966	28.978	28.985	28.977	28.942
	S D	.260	.259	.256	.214	.157	.155	.093	.115	.150	.199	.225	.260	.211
	TOTAL OBS	248	226	248	240	248	240	247	248	240	248	240	248	2921
15	MEAN	29.003	28.945	28.836	28.854	28.822	28.848	28.892	28.899	28.924	28.932	28.944	28.940	28.903
	S D	.259	.254	.250	.205	.154	.149	.093	.112	.147	.196	.223	.252	.205
	TOTAL OBS	248	226	248	239	248	240	248	248	240	248	240	248	2921
18	MEAN	29.012	28.950	28.833	28.843	28.800	28.824	28.864	28.875	28.912	28.93	28.957	28.957	28.896
	S D	.254	.253	.245	.200	.150	.146	.095	.112	.147	.190	249	249	.205
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
21	MEAN	29.027	28.973	28.862	28.871	28.824	28.842	28.887	28.903	28.939	28.955	28.972	28.977	28.919
	S D	.252	.252	.235	.198	.144	.144	.094	.107	.146	.187	.220	.246	.202
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
ALL HOURS	MEAN	29.031	28.972	28.862	28.871	28.835	28.858	28.902	28.914	28.944	28.959	28.972	28.968	28.924
	S D	.254	.257	.247	.208	.152	.152	.095	.113	.149	.195	.222	.254	.207
	TOTAL OBS	1983	1808	1984	1919	1982	1920	1983	1984	1920	1984	1920	1984	23371

GLOBAL CLIMATOLOGY BRANCH  
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## MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13947 KANSAS CITY INTL MO

73-81

STATION		STATION NAME												YEARS	
HRS	1ST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00	MEAN	1021.7	1019.4	1015.1	1014.4	1012.8	1013.3	1014.6	1015.2	1016.3	1017.4	1018.8	1019.3	1016.5	
	S D	9.188	9.607	8.695	7.459	5.268	5.191	3.375	3.903	5.210	6.917	7.975	9.070	7.584	
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922	
03	MEAN	1021.7	1019.2	1014.7	1014.1	1012.6	1013.1	1014.5	1015.0	1016.2	1017.3	1018.6	1019.0	1016.3	
	S D	9.197	9.552	8.937	7.525	5.348	5.453	3.269	3.870	5.295	7.103	8.071	9.124	7.668	
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922	
06	MEAN	1021.6	1019.2	1014.9	1014.7	1013.2	1013.8	1015.2	1015.6	1016.8	1017.9	1018.7	1018.8	1016.7	
	S D	9.248	9.608	9.139	7.647	5.512	5.532	3.269	3.940	5.344	7.178	8.241	9.432	7.701	
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922	
09	MEAN	1022.7	1020.2	1015.8	1015.5	1013.9	1014.3	1015.8	1016.2	1017.7	1018.8	1019.7	1019.7	1017.5	
	S D	9.527	9.615	9.285	7.724	5.642	5.606	3.339	4.014	5.445	7.335	8.223	9.535	7.835	
	TOTAL OBS	247	226	248	240	248	240	248	248	240	248	240	248	2921	
12	MEAN	1022.4	1020.1	1015.5	1015.1	1013.4	1013.9	1015.4	1015.9	1017.2	1018.2	1019.1	1019.4	1017.1	
	S D	9.563	9.584	9.337	7.705	5.583	5.440	3.316	4.067	5.444	7.268	8.247	9.435	7.827	
	TOTAL OBS	248	226	248	240	248	240	247	248	240	248	240	248	2921	
15	MEAN	1020.6	1018.2	1013.8	1013.8	1012.4	1012.9	1014.2	1014.6	1015.7	1016.5	1017.5	1018.0	1015.7	
	S D	9.461	9.368	9.132	7.383	5.379	5.284	3.283	3.991	5.332	7.056	8.158	9.149	7.596	
	TOTAL OBS	248	226	248	239	248	240	248	248	240	248	240	248	2921	
18	MEAN	1021.0	1018.6	1013.8	1013.5	1011.6	1012.1	1013.4	1013.8	1015.4	1016.6	1018.1	1018.7	1015.5	
	S D	9.350	9.374	8.915	7.196	5.417	5.172	3.350	3.966	5.354	6.877	7.945	9.068	7.672	
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921	
21	MEAN	1021.6	1019.3	1014.9	1014.5	1012.4	1012.6	1014.1	1014.7	1016.3	1017.5	1018.8	1019.4	1016.3	
	S D	9.250	9.306	8.629	7.112	5.211	5.196	3.346	3.816	5.258	6.832	8.009	9.007	7.573	
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921	
ALL HOURS	MEAN	1021.7	1019.3	1014.8	1014.5	1012.8	1013.3	1014.6	1015.1	1016.5	1017.5	1018.7	1019.0	1016.5	
	S D	9.353	9.504	9.021	7.484	5.454	5.396	3.393	4.006	5.374	7.097	8.117	9.227	7.707	
	TOTAL OBS	1983	1808	1984	1919	1982	1920	1983	1984	1920	1984	1920	1984	23371	

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